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OM protein - protein search, using sw model

Run on: June 14, 2004, 20:36:52 ; Search time 80 Seconds
        (without alignments)
        507.107 Million cell updates/sec

Title: US-09-978-298A-322
Perfect score: 784
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1158786 seqs, 281726120 residues

Total number of hits satisfying chosen parameters: 212

Minimum DB seq length: 0
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Post-processing: Minimum Match 80%
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Database : Published Applications AA.*
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Pred. No. is the number of results predicted by chance to have a
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and is derived by analysis of the total score distribution.

SUMMARIES

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3 784 100.0 144 9 US-09-978-697-322 Sequence 322, App
4 784 100.0 144 9 US-09-902-941-327 Sequence 327, App
5 784 100.0 144 9 US-09-978-192A-322 Sequence 322, App
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; Patent No. US20020156006A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey

## ALIGNMENTS

APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Guiney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C11  
CURRENT APPLICATION NUMBER: US/09/978,295A  
CURRENT FILING DATE: 2001-10-15  
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PRIOR FILING DATE: 2001-07-30  
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match          100.0%; Score 784; DB 9; Length 144;
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QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
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RESULT 3
US-09-978-697-322
; Sequence 322, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1998-05-15  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 9; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
QY 61 FFCVMFLCAEWLTLGLNMLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVMFLCAEWLTLGLNMLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYLVSS 144

## RESULT 4

US-09-902-941-327

; Sequence 327, Application US/09902941

; Patent No. US20020172952A1

; GENERAL INFORMATION:

; APPLICANT: Henderson, Robert A.

; APPLICANT: Wang, Tongtong

; APPLICANT: Watanabe, Yoshihiro

; APPLICANT: Johnson, Jeffrey C.

; APPLICANT: Retter, Marc W.

; APPLICANT: Marnerakis, Margarita

; APPLICANT: Carter, Darrick

; APPLICANT: Fanger, Gary R.

; APPLICANT: Vedvick, Thomas S.

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: McNabb, Andria

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; FILE REFERENCE: 210121.478C17

; CURRENT APPLICATION NUMBER: US/09/902,941

; NUMBER OF SEQ ID NOS: 2002

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 327

; LENGTH: 144

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-902-941-327

Query Match

Best Local Similarity 100.0%; Score 784; DB 9; Length 144;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
QY 61 FFCVMFLCAEWLTLGLNMLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVMFLCAEWLTLGLNMLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYLVSS 144

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 9; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTYKPNIDQCNTINPLVLEYLIHA 60
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Qy 61 FFCVWFCAAEWLTLGLNMLLAVHIIWYMSRPVMSGPLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVWFCAAEWLTLGLNMLLAVHIIWYMSRPVMSGPLYDPTTINMADILAYCOKEGW 120
Qy 121 CKLAFYLLAFFYLYGMYIVLVSS 144
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DB 121 CKAFYLLAFFYLLXGMIVLVSS 144

RESULT 6

US-09-999-832A-322

Sequence 322, Application US/09999832A

Publication No. US20020192706A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC63

CURRENT APPLICATION NUMBER: US/09/999,832A

CURRENT FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 9; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
QY 61 PFCVMFLCAAEWLTLGLNNPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 PFCVMFLCAAEWLTLGLNNPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 7

US-09-849-626-327  
; Sequence 327, Application US/09849626  
; Publication No. US20020197669A1  
; GENERAL INFORMATION:  
; APPLICANT: Bangur, Chaitanya  
; APPLICANT: Fanger, Gary  
; APPLICANT: Wang, Aijun  
; APPLICANT: Wang, Tongcong  
; APPLICANT: Switzer, Anne  
; APPLICANT: McNeill, Patricia  
; APPLICANT: Clapper, Jonathan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
; FILE REFERENCE: 210121.478C16  
; CURRENT APPLICATION NUMBER: US/09/849.626  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 1926  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 327  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-849-626-327

Query Match 100.0%; Score 784; DB 9; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
QY 61 PFCVMFLCAAEWLTLGLNNPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 PFCVMFLCAAEWLTLGLNNPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 8

US-09-978-189-322  
; Sequence 322, Application US/09578189  
; Publication No. US20030004102A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C7  
CURRENT APPLICATION NUMBER: US/09/978,189  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
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Qy 61 FFCVMFLCAEWLTLGLNMLLAVHIIWYMRSPVMSGGLYDPTTINNADILAYCQKEGW 120  
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Qy 121 CKLAFYLLAFYYLYGMYIVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMYIVLVSS 144

RESULT 9  
US-09-978-608A-322  
; Sequence 322, Application US/09978608A  
; Publication No. US20030045462A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C22  
; CURRENT APPLICATION NUMBER: US/09/978,608A  
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; NUMBER OF SEQ ID NOS: 624  
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; ORGANISM: Homo sapiens  
US-09-978-608A-322

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Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
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Qy 61 FFCVMFLCAEWLTLGLNMLLAVHIIWYMRSPVMSGGLYDPTTINNADILAYCQKEGW 120  
Db 61 FFCVMFLCAEWLTLGLNMLLAVHIIWYMRSPVMSGGLYDPTTINNADILAYCQKEGW 120  
Qy 121 CKLAFYLLAFYYLYGMYIVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMYIVLVSS 144

RESULT 10  
US-09-978-585A-322  
; Sequence 322, Application US/09978585A  
; Publication No. US20030049633A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C15  
; CURRENT APPLICATION NUMBER: US/09/978,585A

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; CURRENT FILING DATE: 2001-10-16
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; ORGANISM: Homo sapiens
US-09-978-585A-322

Query Match      100.0%; Score 784; DB 10; Length 144;
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Db 61 FFCVWFLCAEWLTGLNPLLAYHIIWRVMSRPVMSGPLGYDPTTMMNADILAYCKQEGW 120
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QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
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Db 121 CKLAFYLLAFFYLYGMIVLVSS 144
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RESULT 11
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; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC4
; CURRENT APPLICATION NUMBER: US/09/978,191A
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; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR APPLICATION NUMBER: 60/081952
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Query Match      100.0%; Score 784; DB 10; Length 144;
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Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 121 CKLAFYLLAFFYYLYGMIYVNVSS 144

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US-09-978-403A-322
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; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
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; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Garber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC17
; CURRENT APPLICATION NUMBER: US/09/978,403A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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22 PRIOR APPLICATION NUMBER: 60/079294  
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24 PRIOR APPLICATION NUMBER: 60/079656  
25 PRIOR FILING DATE: 1998-03-26  
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32 PRIOR APPLICATION NUMBER: 60/079728  
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72 PRIOR APPLICATION NUMBER: 60/081819  
73 PRIOR FILING DATE: 1998-04-15  
74 PRIOR APPLICATION NUMBER: 60/081952  
75 PRIOR FILING DATE: 1998-04-15  
76 PRIOR APPLICATION NUMBER: 60/081838  
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83 PRIOR FILING DATE: 1998-04-22  
84 PRIOR APPLICATION NUMBER: 60/082804  
85 PRIOR FILING DATE: 1998-04-22  
86 PRIOR APPLICATION NUMBER: 60/082700  
87 PRIOR FILING DATE: 1998-04-22  
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89 PRIOR FILING DATE: 1998-04-22  
90 PRIOR APPLICATION NUMBER: 60/082796  
91 PRIOR FILING DATE: 1998-04-23  
92 PRIOR APPLICATION NUMBER: 60/083336  
93 PRIOR FILING DATE: 1998-04-27  
94 PRIOR APPLICATION NUMBER: 60/083322  
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96 PRIOR APPLICATION NUMBER: 60/083392  
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106 PRIOR APPLICATION NUMBER: 60/083554  
107 PRIOR FILING DATE: 1998-04-29  
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110 PRIOR APPLICATION NUMBER: 60/083559  
111 PRIOR FILING DATE: 1998-04-29  
112 PRIOR APPLICATION NUMBER: 60/083500  
113 PRIOR FILING DATE: 1998-04-29  
114 PRIOR APPLICATION NUMBER: 60/083742  
115 PRIOR FILING DATE: 1998-04-30  
116 PRIOR APPLICATION NUMBER: 60/084366  
117 PRIOR FILING DATE: 1998-05-05  
118 PRIOR APPLICATION NUMBER: 60/084414  
119 PRIOR FILING DATE: 1998-05-06  
120 PRIOR APPLICATION NUMBER: 60/084441  
121 PRIOR FILING DATE: 1998-05-06  
122 PRIOR APPLICATION NUMBER: 60/084637  
123 PRIOR FILING DATE: 1998-05-07  
124 PRIOR APPLICATION NUMBER: 60/084639  
125 PRIOR FILING DATE: 1998-05-07  
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136 PRIOR APPLICATION NUMBER: 60/085339  
137 PRIOR FILING DATE: 1998-05-13  
138 PRIOR APPLICATION NUMBER: 60/085338  
139 PRIOR FILING DATE: 1998-05-13  
140 PRIOR APPLICATION NUMBER: 60/085323  
141 PRIOR FILING DATE: 1998-05-13  
142 PRIOR APPLICATION NUMBER: 60/085582  
143 PRIOR FILING DATE: 1998-05-15  
144 PRIOR APPLICATION NUMBER: 60/085700  
145 PRIOR FILING DATE: 1998-05-15  
146 PRIOR APPLICATION NUMBER: 60/085689

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0% Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTALFFAIWHLIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTALFFAIWHLIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
QY 61 FFCVWFLCAEWLTLGLNMPILAYHIWRYMSPVMSGPGLYDPTTINNADILAYCOKEGW 120
Db 61 FFCVWFLCAEWLTLGLNMPILAYHIWRYMSPVMSGPGLYDPTTINNADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 13
US-09-978-564A-322
; Sequence 322, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C25
; CURRENT APPLICATION NUMBER: US/09/978,564A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR APPLICATION NUMBER: 60/066364
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? PRIOR FILING DATE: 1998-05-15
? PRIOR APPLICATION NUMBER: 60/035704
? PRIOR FILING DATE: 1998-05-15
? PRIOR APPLICATION NUMBER: 60/035697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. NO. 5.8e-78; Indels 0; Gaps 0;
Matches 144; Conservative 0; Mismatches 0;

QY 1 MAFTFAAFCYMLALLLTAA..IFFAIWHIIAFDELTQYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLLTAA..IFFAIWHIIAFDELTQYKNPIDQCNLTNPLVLPYLIHA 60
QY 61 FFCVMFCAAEWLTLGNMPLLAYHIIWYRMSRPMVSGGLYDPTTMMADIIAYCQKEGW 120
Db 61 FFCVMFCAAEWLTLGNMPLLAYHIIWYRMSRPMVSGGLYDPTTMMADIIAYCQKEGW 120
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 14
US-09-999-833A-322
Sequence 322, Application US/09999833A
Publication No. US20030054405A1
GENERAL INFORMATION:
? APPLICANT: Ashkenazi, Avi
? APPLICANT: Baker Kevin P.
? APPLICANT: Botstein, David
? APPLICANT: Desnoyers, Luc
? APPLICANT: Eaton, Dan
? APPLICANT: Ferrara, Napoleon
? APPLICANT: Filvaroff, Ellen
? APPLICANT: Fong, Sherman
? APPLICANT: Gao, Wei-Qiang
? APPLICANT: Gerber, Hanspeter
? APPLICANT: Gerritsen, Mary E.
? APPLICANT: Goddard, Audrey
? APPLICANT: Godowski, Paul J.
? APPLICANT: Grimaldi, J. Christopher
? APPLICANT: Gurney, Austin L.
? APPLICANT: Hillan, Kenneth J.
? APPLICANT: Kijavlin, Ivar J.
? APPLICANT: Kuo, Sophia S.
? APPLICANT: Napier, Mary A.
? APPLICANT: Pan, James;
? APPLICANT: Paoni, Nicholas F.
? APPLICANT: Roy, Margaret Ann
? APPLICANT: Shelton, David L.
? APPLICANT: Stewart, Timothy A.
? APPLICANT: Tumas, Daniel
? APPLICANT: Williams, P. Mickey
? APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630P1C65
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311

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1927	PRIOR APPLICATION NUMBER: 60/082569	
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1958	PRIOR FILING DATE: 1998-04-29	
1959	PRIOR APPLICATION NUMBER: 60/083500	
1960	PRIOR FILING DATE: 1998-04-29	
1961	PRIOR APPLICATION NUMBER: 60/083742	
1962	PRIOR FILING DATE: 1998-04-30	
1963	PRIOR APPLICATION NUMBER: 60/084366	
1964	PRIOR FILING DATE: 1998-05-05	
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1966	PRIOR FILING DATE: 1998-05-06	
1967	PRIOR APPLICATION NUMBER: 60/084441	
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1981	PRIOR APPLICATION NUMBER: 60/085323	
1982	PRIOR FILING DATE: 1998-05-13	
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1984	PRIOR FILING DATE: 1998-05-15	
1985	PRIOR APPLICATION NUMBER: 60/085700	

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/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
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/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFVCMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPLVLIHA 60
Db 1 MAFTFAAFVCMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPLVLIHA 60

QY 61 FFCVMPFCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTMMADILAYCQKEG 120
Db 61 FFCVMPFCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTMMADILAYCQKEG 120

QY 121 CKLAFYLLAFFYLYXGMYIVLVSS 144
Db 121 CKLAFYLLAFFYLYXGMYIVLVSS 144

RESULT 15
US-09-981-915A-322
/ Sequence 322, Application US/03981915A
/ Publication No. US20030054986A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C12
/ CURRENT APPLICATION NUMBER: US/09/981,915A
/ CURRENT FILING DATE: 2001-10-16
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
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/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
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/ PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR FILING DATE: 1998-05-06  
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; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084637  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084639  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084598  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084627  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084643  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/085339  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085338  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFQCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLYLIHA 60

Db 1 MAFTFAAFQCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLYLIHA 60

Qy 61 FFCVWFELCAAEWLTGLNMFLLAYHIWRYMSRPVMSGPLYDPTTINNADILAYCQKEGW 120

Db 61 FFCVWFELCAAEWLTGLNMFLLAYHIWRYMSRPVMSGPLYDPTTINNADILAYCQKEGW 120

Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144

Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

# RESULT 16

US-09-978-824-322

; Sequence 322, Application US/09578824

; Publication No. US20030055216A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pao, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630FIC14

; CURRENT APPLICATION NUMBER: US/09/978,824

; CURRENT FILING DATE: 2001-10-17

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

;	PRIOR APPLICATION NUMBER: 60/081817	;
;	PRIOR FILING DATE: 1998-04-15	;
;	PRIOR APPLICATION NUMBER: 60/081819	;
;	PRIOR FILING DATE: 1998-04-15	;
;	PRIOR APPLICATION NUMBER: 60/081952	;
;	PRIOR FILING DATE: 1998-04-15	;
;	PRIOR APPLICATION NUMBER: 60/081838	;
;	PRIOR FILING DATE: 1998-04-15	;
;	PRIOR APPLICATION NUMBER: 60/082568	;
;	PRIOR FILING DATE: 1998-04-21	;
;	PRIOR APPLICATION NUMBER: 60/082569	;
;	PRIOR FILING DATE: 1998-04-21	;
;	PRIOR APPLICATION NUMBER: 60/062704	;
;	PRIOR FILING DATE: 1998-04-22	;
;	PRIOR APPLICATION NUMBER: 60/082804	;
;	PRIOR FILING DATE: 1998-04-22	;
;	PRIOR APPLICATION NUMBER: 60/082700	;
;	PRIOR FILING DATE: 1998-04-22	;
;	PRIOR APPLICATION NUMBER: 60/062797	;
;	PRIOR FILING DATE: 1998-04-22	;
;	PRIOR APPLICATION NUMBER: 60/062796	;
;	PRIOR FILING DATE: 1998-04-23	;
;	PRIOR APPLICATION NUMBER: 60/083336	;
;	PRIOR FILING DATE: 1998-04-27	;
;	PRIOR APPLICATION NUMBER: 60/083322	;
;	PRIOR FILING DATE: 1998-04-28	;
;	PRIOR APPLICATION NUMBER: 60/083392	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083495	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083496	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083499	;
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;	PRIOR APPLICATION NUMBER: 60/083545	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083554	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083558	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083559	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083500	;
;	PRIOR FILING DATE: 1998-04-29	;
;	PRIOR APPLICATION NUMBER: 60/083742	;
;	PRIOR FILING DATE: 1998-04-30	;
;	PRIOR APPLICATION NUMBER: 60/084366	;
;	PRIOR FILING DATE: 1998-05-05	;
;	PRIOR APPLICATION NUMBER: 60/084414	;
;	PRIOR FILING DATE: 1998-05-06	;
;	PRIOR APPLICATION NUMBER: 60/084441	;
;	PRIOR FILING DATE: 1998-05-06	;
;	PRIOR APPLICATION NUMBER: 60/084637	;
;	PRIOR FILING DATE: 1998-05-07	;
;	PRIOR APPLICATION NUMBER: 60/084639	;
;	PRIOR FILING DATE: 1998-05-07	;
;	PRIOR APPLICATION NUMBER: 60/084640	;
;	PRIOR FILING DATE: 1998-05-07	;
;	PRIOR APPLICATION NUMBER: 60/084598	;
;	PRIOR FILING DATE: 1998-05-07	;
;	PRIOR APPLICATION NUMBER: 60/085339	;
;	PRIOR FILING DATE: 1998-05-13	;
;	PRIOR APPLICATION NUMBER: 60/085338	;
;	PRIOR FILING DATE: 1998-05-13	;
;	PRIOR APPLICATION NUMBER: 60/085323	;
;	PRIOR FILING DATE: 1998-05-13	;
;	PRIOR APPLICATION NUMBER: 60/085582	;



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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60
Db 1 MAFTFAACYMLALTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60
QY 61 FFCVFLCAAEWLTLGLNMFLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNMFLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 17
US-09-918-585A-322
; Sequence 322, Application US/09918585A
; Publication No. US2003060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC1
; CURRENT APPLICATION NUMBER: US/09/918,585A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/035700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/035579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086023

Query Match          100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFQYMLALLTAALFFFAIWHIIAPDELKTYKNPIDQNTLNPLVLEYLIIHA 60
   |||||
Db 1 MAFTFAAFQYMLALLTAALFFFAIWHIIAPDELKTYKNPIDQNTLNPLVLEYLIIHA 60
   |||||

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTINADILAYCOKEGW 120
   |||||
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTINADILAYCOKEGW 120
   |||||

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||

RESULT 18
US-09-978-423A-322
; Sequence 322, Application US/09978423A
; Publication No. US20030069178A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P26301C21
; CURRENT APPLICATION NUMBER: US/09/978,423A
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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[illegible][illegible]

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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLTAALFFAIWHIAFDLKYDKNPDKQNTLNPLVPEYLHA 60
DB 1 MAFTFAAFYMLALLTLTAALFFAIWHIAFDLKYDKNPDKQNTLNPLVPEYLHA 60
QY 61 FFCVNFCAAEWLTGLNMPILAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKSGW 120
DB 61 FFCVNFCAAEWLTGLNMPILAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKSGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 19
US-09-978-193A-322
; Sequence 322, Application US/09978193A
; Publication No. US20030073624A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C6
; CURRENT APPLICATION NUMBER: US/09/978,193A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/082250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
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; PRIOR APPLICATION NUMBER: 60/081049
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; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
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; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
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; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-04-29
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; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78; Indels 0; Gaps 0;
Matches 144; Conservative 0; Mismatches 0;

Qy      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLIHA 60
Db      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLIHA 60
Qy     61  FFCVMFLCAAEBWLTGLNMLLAYHWRYSRPNVSGPLGYDPTTINADILAYCOKEGW 120
Db     61  FFCVMFLCAAEBWLTGLNMLLAYHWRYSRPNVSGPLGYDPTTINADILAYCOKEGW 120
Qy    121  CKLAFYLLAFFYLYGYMYVLSVSS 144
Db    121  CKLAFYLLAFFYLYGYMYVLSVSS 144

RESULT 20
US-09-999-830A-322
; Sequence 322, Application US/09999830A
; Publication No. US20030077700A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC70
; CURRENT APPLICATION NUMBER: US/09/999.830A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 09/918585
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us-09-978-298a-322.rapb

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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAALFFAALWHIIAFDELKTDYKNPIDQNTLNPLVLYLIHA 60
Db 1 MAFTFAFCYMLALLTAALFFAALWHIIAFDELKTDYKNPIDQNTLNPLVLYLIHA 60

Qy 61 PFCVWFCAAEWLTLGLNPLLAYHWRVMSGFLYDPTTMMNADILAYCQKEGW 120
Db 61 PFCVWFCAAEWLTLGLNPLLAYHWRVMSGFLYDPTTMMNADILAYCQKEGW 120

Qy 121 CKLAFYLLAPFYLYGMIVLVSS 144
Db 121 CKLAFYLLAPFYLYGMIVLVSS 144

RESULT 21
US-09-978-757A-322
; Sequence 322, Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Bolstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC26
; CURRENT APPLICATION NUMBER: US/09/978,757A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
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; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
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; PRIOR FILING DATE: 1998-03-27
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203

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RESULT 22  
US-09-978-187B-322  
; Sequence 332, Application US/09978187B  
; Publication No. US20030096744A1  
; GENERAL INFORMATION:  
; APPLICANT: Aehkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kiljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Peoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secrets and Trans-  
; TITLE OF INVENTION: Agents Encoding t  
; FILE REFERENCE: P2630PIC05  
; CURRENT APPLICATION NUMBER: US/09/978



1 CURRENT FILING DATE: 2001-10-15  
2 PRIOR APPLICATION NUMBER: 09/918585  
3 PRIOR FILING DATE: 2001-07-30  
4 PRIOR APPLICATION NUMBER: 60/062250  
5 PRIOR FILING DATE: 1997-10-17  
6 PRIOR APPLICATION NUMBER: 60/064249  
7 PRIOR FILING DATE: 1997-11-03  
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9 PRIOR FILING DATE: 1997-11-13  
10 PRIOR APPLICATION NUMBER: 60/066364  
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17 PRIOR FILING DATE: 1998-03-11  
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23 PRIOR FILING DATE: 1998-03-13  
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29 PRIOR FILING DATE: 1998-03-20  
30 PRIOR APPLICATION NUMBER: 60/078939  
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32 PRIOR APPLICATION NUMBER: 60/079294  
33 PRIOR FILING DATE: 1998-03-25  
34 PRIOR APPLICATION NUMBER: 60/079656  
35 PRIOR FILING DATE: 1998-03-26  
36 PRIOR APPLICATION NUMBER: 60/079664  
37 PRIOR FILING DATE: 1998-03-27  
38 PRIOR APPLICATION NUMBER: 60/079689  
39 PRIOR FILING DATE: 1998-03-27  
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53 PRIOR FILING DATE: 1998-03-31  
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55 PRIOR FILING DATE: 1998-03-31  
56 PRIOR APPLICATION NUMBER: 60/080194  
57 PRIOR FILING DATE: 1998-03-31  
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69 PRIOR FILING DATE: 1998-04-08  
70 PRIOR APPLICATION NUMBER: 60/081071  
71 PRIOR FILING DATE: 1998-04-08  
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77 PRIOR FILING DATE: 1998-04-09  
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79 PRIOR FILING DATE: 1998-04-15  
80 PRIOR APPLICATION NUMBER: 60/081817  
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83 PRIOR FILING DATE: 1998-04-15  
84 PRIOR APPLICATION NUMBER: 60/081952  
85 PRIOR FILING DATE: 1998-04-15  
86 PRIOR APPLICATION NUMBER: 60/081838  
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90 PRIOR APPLICATION NUMBER: 60/082569  
91 PRIOR FILING DATE: 1998-04-21  
92 PRIOR APPLICATION NUMBER: 60/082704  
93 PRIOR FILING DATE: 1998-04-22  
94 PRIOR APPLICATION NUMBER: 60/082804  
95 PRIOR FILING DATE: 1998-04-22  
96 PRIOR APPLICATION NUMBER: 60/082700  
97 PRIOR FILING DATE: 1998-04-22  
98 PRIOR APPLICATION NUMBER: 60/082797  
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105 PRIOR FILING DATE: 1998-04-28  
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107 PRIOR FILING DATE: 1998-04-29  
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115 PRIOR FILING DATE: 1998-04-29  
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118 PRIOR APPLICATION NUMBER: 60/083558  
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121 PRIOR FILING DATE: 1998-04-29  
122 PRIOR APPLICATION NUMBER: 60/083500  
123 PRIOR FILING DATE: 1998-04-29  
124 PRIOR APPLICATION NUMBER: 60/083742  
125 PRIOR FILING DATE: 1998-04-30  
126 PRIOR APPLICATION NUMBER: 60/084366  
127 PRIOR FILING DATE: 1998-05-05  
128 PRIOR APPLICATION NUMBER: 60/084414  
129 PRIOR FILING DATE: 1998-05-06  
130 PRIOR APPLICATION NUMBER: 60/084441  
131 PRIOR FILING DATE: 1998-05-06  
132 PRIOR APPLICATION NUMBER: 60/084637  
133 PRIOR FILING DATE: 1998-05-07  
134 PRIOR APPLICATION NUMBER: 60/084639  
135 PRIOR FILING DATE: 1998-05-07  
136 PRIOR APPLICATION NUMBER: 60/084640  
137 PRIOR FILING DATE: 1998-05-07  
138 PRIOR APPLICATION NUMBER: 60/084598  
139 PRIOR FILING DATE: 1998-05-07  
140 PRIOR APPLICATION NUMBER: 60/084600  
141 PRIOR FILING DATE: 1998-05-07  
142 PRIOR APPLICATION NUMBER: 60/084627  
143 PRIOR FILING DATE: 1998-05-07  
144 PRIOR APPLICATION NUMBER: 60/084643  
145 PRIOR FILING DATE: 1998-05-07  
146 PRIOR APPLICATION NUMBER: 60/085339

PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 23

US-09-978-643A-322

; Sequence 322, Application US/09978643A

; Publication No. US20030104998A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC16

; CURRENT APPLICATION NUMBER: US/09/978, 643A  
; CURRENT FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 624  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 322  
; LENGTH: 144  
; TYPE: PRI  
; ORGANISM: Homo sapiens  
US-09-978-643A-322

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 24

US-09-476-300-327

; Sequence 327, Application US/09476300

; Publication No. US20030125245A1

; GENERAL INFORMATION:

; APPLICANT: Wang, Tongtong

; APPLICANT: Bangur, Chaitanya S.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

; FILE REFERENCE: 210121.478C3

; CURRENT APPLICATION NUMBER: US/09/476,300

; CURRENT FILING DATE: 1999-12-30

; NUMBER OF SEQ ID NOS: 785

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 327

; LENGTH: 144

; TYPE: PRI

; ORGANISM: Homo sapiens

US-09-476-300-327

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 25

US-09-978-375A-322

; Sequence 322, Application US/09978375A

; Publication No. US20030130181A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

```

; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC24
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/978,375A
; PRIOR FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-375A-322

Query Match 100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTLTAALIFFAWHTIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60
DB 1 MAFTFAACVYMLALLTLTAALIFFAWHTIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWTLGLNMPLLAYHWRYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWTLGLNMPLLAYHWRYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLYVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLYVSS 144

RESULT 26
US-09-978-298a-322
; Sequence 322, Application US/09978298A
; Publication No. US20030134785A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC2
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US/09/978,298A
; PRIOR FILING DATE: 2001-10-15
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
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; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
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; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
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; PRIOR APPLICATION NUMBER: 60/081071
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; PRIOR APPLICATION NUMBER: 60/081229
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; PRIOR FILING DATE: 1998-04-15
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; PRIOR APPLICATION NUMBER: 60/081819
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; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441

; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFYCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
DB      1  MAFTFAAFYCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
QY      61  FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120
DB      61  FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120
QY      121  CKLAFVLLAFFYLYGMIYLVSS 144
DB      121  CKLAFVLLAFFYLYGMIYLVSS 144

RESULT 27
US-09-978-188A-322
; Sequence 322, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
```

APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Wickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC8  
CURRENT APPLICATION NUMBER: US/09/978,188A  
PRIORITY FILING DATE: 2001-10-15  
PRIORITY APPLICATION NUMBER: 09/918585  
PRIORITY FILING DATE: 2001-07-30  
PRIORITY APPLICATION NUMBER: 60/062250  
PRIORITY FILING DATE: 1997-10-17  
PRIORITY APPLICATION NUMBER: 60/064249  
PRIORITY FILING DATE: 1997-11-03  
PRIORITY APPLICATION NUMBER: 60/065311  
PRIORITY FILING DATE: 1997-11-13  
PRIORITY APPLICATION NUMBER: 60/066364  
PRIORITY FILING DATE: 1997-11-21  
PRIORITY APPLICATION NUMBER: 60/077450  
PRIORITY FILING DATE: 1998-03-10  
PRIORITY APPLICATION NUMBER: 60/077632  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077641  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077649  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077791  
PRIORITY FILING DATE: 1998-03-12  
PRIORITY APPLICATION NUMBER: 60/078004  
PRIORITY FILING DATE: 1998-03-13  
PRIORITY APPLICATION NUMBER: 60/078886  
PRIORITY FILING DATE: 1998-03-20  
PRIORITY APPLICATION NUMBER: 60/078936  
PRIORITY FILING DATE: 1998-03-20  
PRIORITY APPLICATION NUMBER: 60/078910  
PRIORITY FILING DATE: 1998-03-20  
PRIORITY APPLICATION NUMBER: 60/078939  
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PRIORITY FILING DATE: 1998-03-26  
PRIORITY APPLICATION NUMBER: 60/079664  
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PRIORITY APPLICATION NUMBER: 60/079689  
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PRIORITY FILING DATE: 1998-03-30  
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PRIORITY APPLICATION NUMBER: 60/080333  
PRIORITY FILING DATE: 1998-04-01  
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PRIORITY APPLICATION NUMBER: 60/082704  
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PRIORITY APPLICATION NUMBER: 60/082804  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/082700  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/082797  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/082796  
PRIORITY FILING DATE: 1998-04-23  
PRIORITY APPLICATION NUMBER: 60/083336  
PRIORITY FILING DATE: 1998-04-27  
PRIORITY APPLICATION NUMBER: 60/083322  
PRIORITY FILING DATE: 1998-04-28  
PRIORITY APPLICATION NUMBER: 60/083392  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083495  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083496  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083499  
PRIORITY FILING DATE: 1998-04-29  
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PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083554  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083558  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083559  
PRIORITY FILING DATE: 1998-04-29  
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PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083742  
PRIORITY FILING DATE: 1998-04-30  
PRIORITY APPLICATION NUMBER: 60/084366  
PRIORITY FILING DATE: 1998-05-05  
PRIORITY APPLICATION NUMBER: 60/084414  
PRIORITY FILING DATE: 1998-05-06

1 PRIOR APPLICATION NUMBER: 60/084441  
2 PRIOR FILING DATE: 1998-05-06  
3 PRIOR APPLICATION NUMBER: 60/084637  
4 PRIOR FILING DATE: 1998-05-07  
5 PRIOR APPLICATION NUMBER: 60/084639  
6 PRIOR FILING DATE: 1998-05-07  
7 PRIOR APPLICATION NUMBER: 60/084640  
8 PRIOR FILING DATE: 1998-05-07  
9 PRIOR APPLICATION NUMBER: 60/084598  
10 PRIOR FILING DATE: 1998-05-07  
11 PRIOR APPLICATION NUMBER: 60/084600  
12 PRIOR FILING DATE: 1998-05-07  
13 PRIOR APPLICATION NUMBER: 60/084627  
14 PRIOR FILING DATE: 1998-05-07  
15 PRIOR APPLICATION NUMBER: 60/084643  
16 PRIOR FILING DATE: 1998-05-07  
17 PRIOR APPLICATION NUMBER: 60/085339  
18 PRIOR FILING DATE: 1998-05-13  
19 PRIOR APPLICATION NUMBER: 60/085338  
20 PRIOR FILING DATE: 1998-05-13  
21 PRIOR APPLICATION NUMBER: 60/085323  
22 PRIOR FILING DATE: 1998-05-13  
23 PRIOR APPLICATION NUMBER: 60/085382  
24 PRIOR FILING DATE: 1998-05-15  
25 PRIOR APPLICATION NUMBER: 60/085700  
26 PRIOR FILING DATE: 1998-05-15  
27 PRIOR APPLICATION NUMBER: 60/085689  
28 PRIOR FILING DATE: 1998-05-15  
29 PRIOR APPLICATION NUMBER: 60/085579  
30 PRIOR FILING DATE: 1998-05-15  
31 PRIOR APPLICATION NUMBER: 60/085580  
32 PRIOR FILING DATE: 1998-05-15  
33 PRIOR APPLICATION NUMBER: 60/085573  
34 PRIOR FILING DATE: 1998-05-15  
35 PRIOR APPLICATION NUMBER: 60/085704  
36 PRIOR FILING DATE: 1998-05-15  
37 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAACYMLALLTLTAALFFAIWHIAFDLKTVDYKPNIDQCNLTNPLVLPYLIHA 60  
DB 1 MAFTFAACYMLALLTLTAALFFAIWHIAFDLKTVDYKPNIDQCNLTNPLVLPYLIHA 60  
QY 61 PFCVMFLCAEWLTGLNPLLAYHWRVMSRPVMSGPLDPTTMMADILAYCQKEGW 120  
DB 61 PFCVMFLCAEWLTGLNPLLAYHWRVMSRPVMSGPLDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 28

US-09-978-681A-322  
Sequence 322, Application US/09978681A  
Publication No. US20030195148A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC18  
CURRENT APPLICATION NUMBER: US/09/978,681A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
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PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31

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;; PRIOR FILING DATE: 1998-03-31  
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;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414

;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
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;; PRIOR APPLICATION NUMBER: 60/085689  
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;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFYMLALLTLTAALFFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLEYLIIHA 60

Db 1 MAFTFAAFYMLALLTLTAALFFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLEYLIIHA 60

Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPVMSGFLYDPTTINMADILAYCOKEGW 120

Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPVMSGFLYDPTTINMADILAYCOKEGW 120

Qy 121 CKLAFYLLAFYLYGYMYIVLVSS 144

Db 121 CKLAFYLLAFYLYGYMYIVLVSS 144

#### RESULT 29

US-09-978-194A-322

; Sequence 322, Application US/09978194A

; Publication No. US20030195333A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C10  
CURRENT APPLICATION NUMBER: US/09/978,194A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
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 ; PRIOR APPLICATION NUMBER: 60/085704  
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 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
 DB 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
 QY 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYLVSS 144

## RESULT 30

US-09-999-829A-322  
 ; Sequence 322, Application US/09999829A  
 ; Publication No. US20030195344N1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630PIC61  
 ; CURRENT APPLICATION NUMBER: US/09/999,829A  
 ; CURRENT FILING DATE: 2002-03-19  
 ; NUMBER OF SEQ ID NOS: 624  
 ; Prior Application removed - See File Wrapper or Palm  
 ; SEQ ID NO 322  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-999-829A-322

Query Match 100.0%; Score 784; DB 10; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
 DB 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
 QY 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYLVSS 144

## RESULT 31

US-09-978-299A-322  
 ; Sequence 322, Application US/0978299A  
 ; Publication No. US20030199435A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C3  
CURRENT APPLICATION NUMBER: US/09/978,299A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
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PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
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PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
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PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAACFMALALTLAALFFATWHLIADELKTDYKPNIDQNTLNPLVPLYLHA 60  
Db 1 MAFTFAACFMALALTLAALFFATWHLIADELKTDYKPNIDQNTLNPLVPLYLHA 60  
QY 61 FFCWFLCAEWLTLGLNPLLAYHWRMSPVMSGFLYDPTTMMADILAYCQKEGW 120  
Db 61 FFCWFLCAEWLTLGLNPLLAYHWRMSPVMSGFLYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFYLYGMYLVVSS 144  
Db 121 CKLAFYLLAFYLYGMYLVVSS 144

## RESULT 32

US-09-978-544A-322  
Sequence 322, Application US/09978544A  
Publication No. US20030199436A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Borstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Feirara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Exceeding the Same  
FILE REFERENCE: P2630PIC13  
CURRENT APPLICATION NUMBER: US/09/978,544A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
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PRIOR FILING DATE: 1998-03-11  
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PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-30  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-04-01  
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PRIOR FILING DATE: 1998-04-01  
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PRIOR FILING DATE: 1998-04-01

;; PRIOR APPLICATION NUMBER: 60/080334  
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;; PRIOR APPLICATION NUMBER: 60/081070  
;; PRIOR FILING DATE: 1998-04-08  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLALIFFAIWHIIFAFDELKTDYKNPIDQNTLNPLVLPVLIHA 60

Db 1 MAFTFAAFYMLALLTLALIFFAIWHIIFAFDELKTDYKNPIDQNTLNPLVLPVLIHA 60

QY 61 FFCVMFLCAAEWLTLGLNNPFLAYHWRVMSRPVMSGPLGYDPTTMMADILAYCQKGW 120

Db 61 FFCVMFLCAAEWLTLGLNNPFLAYHWRVMSRPVMSGPLGYDPTTMMADILAYCQKGW 120

QY 121 CKLAFYLLAFYLYGMIVLVSS 144

Db 121 CKLAFYLLAFYLYGMIVLVSS 144

# RESULT 33

US-09-978-665A-322

Sequence 322, Application US/09978665A

Publication No. US20030199437A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavich, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C19  
CURRENT APPLICATION NUMBER: US/09/978,665A  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
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PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
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PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
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PRIOR APPLICATION NUMBER: 60/079656  
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PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
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PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
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PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
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PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
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PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
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PRIOR APPLICATION NUMBER: 60/083495  
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PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
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PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
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PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTAALFFAIWHIIAFDELKTDYKNPDIQCNTLNPLVLPVLIHA 60  
DB 1 MAFTFAFCVMLALLTAALFFAIWHIIAFDELKTDYKNPDIQCNTLNPLVLPVLIHA 60  
QY 61 FFCVFLCAEWTLGNPLLAYHWRVMSRPMGPGIYDPTTINNADIIAYCQKEG 120  
DB 61 FFCVFLCAEWTLGNPLLAYHWRVMSRPMGPGIYDPTTINNADIIAYCQKEG 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 34

US-09-978-802A-322  
Sequence 322, Application US/09978802A  
Publication No. US20030199674A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: P2630PIC20  
CURRENT APPLICATION NUMBER: US/09/978,802A  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
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PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
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PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01

;; PRIOR APPLICATION NUMBER: 60/080333  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080334  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/081070  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081049  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
DB 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
QY 61 FFCVMFLCAAEWLTILGNMPLLAHYHWRMSPVMSGPGLYDPTTMMADILAYCOKEGW 120  
DB 61 FFCVMFLCAAEWLTILGNMPLLAHYHWRMSPVMSGPGLYDPTTMMADILAYCOKEGW 120  
QY 121 CKLAFYLLAFYYLYGMYVLVSS 144  
DB 121 CKLAFYLLAFYYLYGMYVLVSS 144

## RESULT 35

US-10-164-749A-322  
; Sequence 322, Application US/10:164749A  
; Publication No. US20040029218A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.

```
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/164,749A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-164-749A-322

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAACVMLALLTAALIFFAIIHIAFDLKTIDYKNPIDQCNLTNPLVPEYLHA 60
Db 1 MATFAACVMLALLTAALIFFAIIHIAFDLKTIDYKNPIDQCNLTNPLVPEYLHA 60
QY 61 FFCWMLCAEWLTGLNMLLHAYHWYMSRPMVSGPGLYDPTTNNADILAYCOKEGW 120
Db 61 FFCWMLCAEWLTGLNMLLHAYHWYMSRPMVSGPGLYDPTTNNADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYYLYGMYVLVSS 144
Db 121 CKLAFYLLAFFYYLYGMYVLVSS 144

RESULT 36
US-10-081-056-2
; Sequence 2, Application US/10081056
; Publication No. US20040043927A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
```

```
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P3235P1C1
; CURRENT APPLICATION NUMBER: US/10/081,056
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: US 60/230,978
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/000,000
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 09/664,610
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/242,922
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/709,238
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30952
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30873
; PRIOR FILING DATE: 2000-11-10
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 09/747,259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: US 09/767,609
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: US 09/796,498
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06666
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 09/802,706
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: US 09/808,689
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: US 09/816,744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: US 09/828,366
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: US 09/854,208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/854,280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/866,028
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;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 09/866,034  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: PCT/US01/17092  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 09/870,574  
;; PRIOR FILING DATE: 2001-05-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/17443  
;; PRIOR FILING DATE: 2001-05-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/17800  
;; PRIOR FILING DATE: 2001-06-01  
;; PRIOR APPLICATION NUMBER: PCT/US01/19692  
;; PRIOR FILING DATE: 2001-06-20  
;; PRIOR APPLICATION NUMBER: PCT/US01/00000  
;; PRIOR FILING DATE: 2001-06-28  
;; NUMBER OF SEQ ID NOS: 383  
;; SEQ ID NO 2  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homosapiens  
US-10-081-056-2

Query Match 100.0%; Score 784; DB 12; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPEYLIHA 60  
DB 1 MAFTFAAFYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPEYLIHA 60  
  
QY 61 FFCVWFLCAAEWLTLGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKGM 120  
DB 61 FFCVWFLCAAEWLTLGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKGM 120  
  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 37

US-10-219-535-120  
;; Sequence 120, Application US/10219535  
;; Publication No. US20040044179A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Gerritsen, Mary  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stephan, Jean-Philippe F.  
;; APPLICANT: Watanabe, Colin L.  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; FILE REFERENCE: P3530PIC60  
;; CURRENT APPLICATION NUMBER: US/10/219,535  
;; PRIOR FILING DATE: 2002-08-14  
;; PRIOR APPLICATION NUMBER: 10/119,480  
;; PRIOR FILING DATE: 2002-04-09  
;; PRIOR APPLICATION NUMBER: 60/059113  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/062287  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/063549  
;; PRIOR FILING DATE: 1997-10-28  
;; PRIOR APPLICATION NUMBER: 60/064103  
;; PRIOR FILING DATE: 1997-10-31  
;; PRIOR APPLICATION NUMBER: 60/069873  
;; PRIOR FILING DATE: 1997-12-17  
;; PRIOR APPLICATION NUMBER: 60/078910

;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 246  
;; SEQ ID NO 120  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-219-535-120

Query Match 100.0%; Score 784; DB 12; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPEYLIHA 60  
DB 1 MAFTFAAFYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPEYLIHA 60  
  
QY 61 FFCVWFLCAAEWLTLGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKGM 120  
DB 61 FFCVWFLCAAEWLTLGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKGM 120  
  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 38

US-10-232-230-120  
;; Sequence 120, Application US/10232230  
;; Publication No. US20040044180A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Gerritsen, Mary  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stephan, Jean-Philippe F.  
;; APPLICANT: Watanabe, Colin L.  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; FILE REFERENCE: P3530PIC103  
;; CURRENT APPLICATION NUMBER: US/10/232,230  
;; CURRENT FILING DATE: 2002-08-29  
;; PRIOR FILING DATE: 2002-04-09  
;; PRIOR APPLICATION NUMBER: 10/119,480  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/059113  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/062287  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/063549  
;; PRIOR FILING DATE: 1997-10-28  
;; PRIOR APPLICATION NUMBER: 60/064103  
;; PRIOR FILING DATE: 1997-10-31  
;; PRIOR APPLICATION NUMBER: 60/069873  
;; PRIOR FILING DATE: 1997-12-17  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27



Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144

## RESULT 41

US-09-999-834A-322

; Sequence 322, Application US/09999834A

; Publication No. US20030064407A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavil, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C75

; CURRENT APPLICATION NUMBER: US/09/999,834A

; CURRENT FILING DATE: 2001-10-24

; PRIOR FILING DATE: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR FILING DATE: 1997-10-17

; PRIOR FILING DATE: 1997-11-03

; PRIOR FILING DATE: 1997-11-13

; PRIOR FILING DATE: 1997-11-13

; PRIOR FILING DATE: 1997-11-21

; PRIOR FILING DATE: 1998-03-10

; PRIOR FILING DATE: 1998-03-10

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

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; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

; PRIOR FILING DATE: 1998-03-11

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; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120
Db      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120
QY      121  CKLAFYLLAFFYLYGMIYLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYLVSS 144
```

```
Db      121  CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 42
US-10-232-224-120
; Sequence 120, Application US/10232224
; Publication No. US20030065147A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William L.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C111
; CURRENT APPLICATION NUMBER: US/10/232,224
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-224-120

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120
Db      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120
QY      121  CKLAFYLLAFFYLYGMIYLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 43
US-10-162-521A-322
; Sequence 322, Application US/10162521A
```

Publication No. US20030211092A1

GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C55

CURRENT APPLICATION NUMBER: US/10/162,521A

PRIOR FILING DATE: 2002-11-29

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

SEQ ID NO 322

LENGTH: 144

TYPE: PRT

ORGANISM: Homo sapiens

US-10-162-521A-322

Query Match 100.0%; Score 784; DB 12; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVMALLTAAITFAFWHIAFDELKTDYKNPIDQNTLNPLVLPYLHA 60

DB 1 MAFTFAACVMALLTAAITFAFWHIAFDELKTDYKNPIDQNTLNPLVLPYLHA 60

QY 61 FFCVNFCAAEWLTGLNPLLAYHWYMRPVMGSGGLYDPTTMMNADILAYCQKEGW 120

DB 61 FFCVNFCAAEWLTGLNPLLAYHWYMRPVMGSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CXLAFFYLLAFAFFYLYGMIYVLVSS 144

DB 121 CXLAFFYLLAFAFFYLYGMIYVLVSS 144

#### RESULT 44

US-10-145-016A-322

Sequence 322, Application US/10145016A

Publication No. US20030203433A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C52

CURRENT APPLICATION NUMBER: US/10/145,016A

PRIOR FILING DATE: 2001-10-18

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

SEQ ID NO 322

LENGTH: 144

TYPE: PRT

ORGANISM: Homo sapiens

US-10-145-016A-322

Query Match

Best Local Similarity 100.0%; Score 784; DB 12; Length 144;

Pred. No. 5.8e-78;

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; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-088A-322

Query Match          100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MATFAAFCYMLALLLTAAALIFFAIWHIIAFDELKTDYKPIDOCNTLNPLVLEYLHA 60
      |||
Db      1  MATFAAFCYMLALLLTAAALIFFAIWHIIAFDELKTDYKPIDOCNTLNPLVLEYLHA 60
      |||

Qy     61  FFCVMFLCAAEWLTGLNMFLLAYHWRVMSRPVMSGPGLYDPTTINNADILAYCQEGW 120
      |||
Db     61  FFCVMFLCAAEWLTGLNMFLLAYHWRVMSRPVMSGPGLYDPTTINNADILAYCQEGW 120
      |||

Qy    121  CKLAFYLLAFYYLYGMYYLVNS 144
      |||
Db    121  CKLAFYLLAFYYLYGMYYLVNS 144
      |||

```

QY	61	FFCVMFCAAEWLTLGLNMFLAYHIWRYMSRPMVSGFLYDPTTINWADILAYCQKEGW	120
Db	61	FFCVMFCAAEWLTLGLNMFLAYHIWRYMSRPMVSGFLYDPTTINWADILAYCQKEGW	120
QY	121	CKLAFYLLAFFFYLYGMIYVLVSS	144
Db	121	CKLAFYLLAFFFYLYGMIYVLVSS	144

RESULT 46

US-10-145-092A-322

Sequence 322, Application US/10145092A

Publication No. US20030203435A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnovers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavlin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC45

CURRENT APPLICATION NUMBER: US/10/145,092A

CURRENT FILING DATE: 2002-10-10

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-20

PRIOR APPLICATION NUMBER: 60/052250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/054249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

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; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-092A-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACFYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
Db 1 MAFTFAACFYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60

QY 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
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RESULT 47
US-10-145-129A-322
; Sequence 322, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-129A-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACFYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
Db 1 MAFTFAACFYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60

QY 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
```

```
RESULT 48
US-10-283-017-327
; Sequence 327, Application US/10283017
; Publication No. US20030211510A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, Robert A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Kalos, Michael D.
; APPLICANT: Sleath, Paul R.
; APPLICANT: Johnson, Jeffrey C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Durham, Margarita
; APPLICANT: Carter, Darriek
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedwick, Thomas S.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: McNabb, Andria
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.478C20
; CURRENT APPLICATION NUMBER: US/10/283,017
; CURRENT FILING DATE: 2002-10-28
; NUMBER OF SEQ ID NOS: 2157
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 327
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-283-017-327
```

Query Match	100.0%;	Score 784;	DB 12;	Length 144;
Best Local Similarity	100.0%;	Pred.No. 5.8e-78;		
Matches 144;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
QY	1	MAFTFAAFCYMALALLTAALFFAIFWHIIADEFUKTDYKNPIDQCNTLNPLVLPEYLIHA	60	
Db	1	MAFTFAAFCYMALALLTAALFFAIFWHIIADEFUKTDYKNPIDQCNTLNPLVLPEYLIHA	60	
QY	61	FCVWFVLCAAEWLTLGLNPNLLAYHIWYMSRPNWSGFGLYDPTTINADILAYCOKEGW	120	
Db	61	FCVWFVLCAAEWLTLGLNPNLLAYHIWYMSRPNWSGFGLYDPTTINADILAYCOKEGW	120	
QY	121	CKLAFYLLAFFFYLYGMIVLVSS	144	
Db	121	CKLAFYLLAFFFYLYGMIVLVSS	144	

```

RESULT 49
US-10-165--038A-322
; Sequence 322, Application US/10165038A
; Publication No. US20030203441A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC29
; CURRENT APPLICATION NUMBER: US/10/165,038A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791

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; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-353A-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVWFELCAEWLTGLNMPLLAYHIWYMRSPVMSGGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVWFELCAEWLTGLNMPLLAYHIWYMRSPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 51
US-10-167-600-322
; Sequence 322, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-600-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVWFELCAEWLTGLNMPLLAYHIWYMRSPVMSGGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVWFELCAEWLTGLNMPLLAYHIWYMRSPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 52
US-10-170-481A-322
; Sequence 322, Application US/10170481A
; Publication No. US2003020344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
```

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/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC53
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: US/10/170,481A
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/918585
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 322
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-170-481A-322

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIHA 60
DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 53
US-10-172-039A-322
/ Sequence 322, Application US/10172039A
/ Publication No. US20030203445A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Fertara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIHA 60
DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 54
US-10-210-028-322
/ Sequence 322, Application US/10210028
/ Publication No. US20030203446A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
```

```
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC30
/ CURRENT APPLICATION NUMBER: US/10/172,039A
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 322
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-172-039A-322

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIHA 60
DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 54
US-10-210-028-322
/ Sequence 322, Application US/10210028
/ Publication No. US20030203446A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
```

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630FIC52
; CURRENT APPLICATION NUMBER: US/10/210,028
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-210-028-322

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYCMALLLTAAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MAFTFAAFYCMALLLTAAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 55
US-10-305-654-2

; Sequence 2, Application US/10305654
; Publication No. US20030224984A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hans-Peter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scot A.
; APPLICANT: Pan, J.
; APPLICANT: Paoni, N. F.
; APPLICANT: Stephan, J-P F.
; APPLICANT: Watanabe, C.K.
; APPLICANT: Wood, W.I.
; APPLICANT: Williams, P.M.
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235R1C1
; CURRENT APPLICATION NUMBER: US/10/305,654
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homosapiens
US-10-305-654-2

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYCMALLLTAAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MAFTFAAFYCMALLLTAAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 56
US-10-044-477-1
; Sequence 1, Application US/10044477
; Publication No. US20020103342A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Corley, Neil C.
; Shah, Purvi
; TITLE OF INVENTION: HUMAN CORNICHON PROTEIN
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DCS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,477
; FILING DATE: 10-Jan-2002

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/365,705
; FILING DATE: 02-Aug-1999
; APPLICATION NUMBER: US/08/950,168
; FILING DATE: 14-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0401 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-855-0355
; TELEFAX: 650-845-4166
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 144 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: BLADNOT04
; CLONE: 1318847
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-044-477-1

Query Match          100.0%; Score 784; DB 13; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTAAFCYMLALLTAALIFFAWHIIAFELKTDYKNPFDQNTLNPLVPEYLHA 60
Db 1 MAFTAAFCYMLALLTAALIFFAWHIIAFELKTDYKNPFDQNTLNPLVPEYLHA 60

QY 61 FFCVFLCAAEWLTGLNMLLAYHWYMSRPVMSGGLYDPTTIMNADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTGLNMLLAYHWYMSRPVMSGGLYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144

RESULT 57
US-10-227-884-120
; Sequence 120, Application US/10227884
; Publication No. US20030027988A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC79
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: US/10/227,884
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
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; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: 60/101916
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; PRIOR APPLICATION NUMBER: 60/101922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/106178
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: 60/106905
; PRIOR FILING DATE: 1998-11-03
; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108849
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 60/112422
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113296
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115565
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115733
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119549
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/123618
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/125259
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 60/125775
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/126773
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: 60/127887
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/130232
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131022
; PRIOR FILING DATE: 1999-04-26
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22

; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAETFAAFCYMLALLITAAIIIPFAIWHIIIAFDELKTDYKNPIDQCNTLNPLVLPVLIHA 60
Db 1 MAETFAAFCYMLALLITAAIIIPFAIWHIIIAFDELKTDYKNPIDQCNTLNPLVLPVLIHA 60
QY 61 FFCVMFLCAEWLTGLNMFLLAYHWRVMSRPVMSGPLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVMFLCAEWLTGLNMFLLAYHWRVMSRPVMSGPLYDPTTMMNADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYYLYGMIYVLYSS 144
Db 121 CKLAFYLLAFFYYLYGMIYVLYSS 144

RESULT 58
US-10-230-163-120
; Sequence 120, Application US/10230163
; Publication No. US2003036635A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C96
; CURRENT APPLICATION NUMBER: US/10/230,163
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
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1 PRIOR FILING DATE: 1997-10-31  
2 PRIOR APPLICATION NUMBER: 60/069873  
3 PRIOR FILING DATE: 1997-12-17  
4 PRIOR APPLICATION NUMBER: 60/078910  
5 PRIOR FILING DATE: 1998-03-20  
6 PRIOR APPLICATION NUMBER: 60/079294  
7 PRIOR FILING DATE: 1998-03-25  
8 PRIOR APPLICATION NUMBER: 60/079656  
9 PRIOR FILING DATE: 1998-03-26  
10 PRIOR APPLICATION NUMBER: 60/079728  
11 PRIOR FILING DATE: 1998-03-27  
12 PRIOR APPLICATION NUMBER: 60/081819  
13 PRIOR FILING DATE: 1998-04-15  
14 PRIOR APPLICATION NUMBER: 60/081955  
15 PRIOR FILING DATE: 1998-04-15  
16 PRIOR APPLICATION NUMBER: 60/082804  
17 PRIOR FILING DATE: 1998-04-22  
18 PRIOR APPLICATION NUMBER: 60/084441  
19 PRIOR FILING DATE: 1998-05-06  
20 PRIOR APPLICATION NUMBER: 60/085323  
21 PRIOR FILING DATE: 1998-05-13  
22 PRIOR APPLICATION NUMBER: 60/085579  
23 PRIOR FILING DATE: 1998-05-15  
24 PRIOR APPLICATION NUMBER: 60/086392  
25 PRIOR FILING DATE: 1998-05-22  
26 PRIOR APPLICATION NUMBER: 60/089532  
27 PRIOR FILING DATE: 1998-06-17  
28 PRIOR APPLICATION NUMBER: 60/089538  
29 PRIOR FILING DATE: 1998-06-17  
30 PRIOR APPLICATION NUMBER: 60/089905  
31 PRIOR FILING DATE: 1998-06-18  
32 PRIOR APPLICATION NUMBER: 60/090472  
33 PRIOR FILING DATE: 1998-06-24  
34 PRIOR APPLICATION NUMBER: 60/090557  
35 PRIOR FILING DATE: 1998-06-24  
36 PRIOR APPLICATION NUMBER: 60/090691  
37 PRIOR FILING DATE: 1998-06-25  
38 PRIOR APPLICATION NUMBER: 60/090695  
39 PRIOR FILING DATE: 1998-06-25  
40 PRIOR APPLICATION NUMBER: 60/091982  
41 PRIOR FILING DATE: 1998-07-07  
42 PRIOR APPLICATION NUMBER: 60/095302  
43 PRIOR FILING DATE: 1998-08-04  
44 PRIOR APPLICATION NUMBER: 60/095318  
45 PRIOR FILING DATE: 1998-08-04  
46 PRIOR APPLICATION NUMBER: 60/095916  
47 PRIOR FILING DATE: 1998-08-10  
48 PRIOR APPLICATION NUMBER: 60/096146  
49 PRIOR FILING DATE: 1998-08-11  
50 PRIOR APPLICATION NUMBER: 60/096791  
51 PRIOR FILING DATE: 1998-08-17  
52 PRIOR APPLICATION NUMBER: 60/097986  
53 PRIOR FILING DATE: 1998-08-26  
54 PRIOR APPLICATION NUMBER: 60/098544  
55 PRIOR FILING DATE: 1998-08-31  
56 PRIOR APPLICATION NUMBER: 60/099596  
57 PRIOR FILING DATE: 1998-09-09  
58 PRIOR APPLICATION NUMBER: 60/099598  
59 PRIOR FILING DATE: 1998-09-09  
60 PRIOR APPLICATION NUMBER: 60/099803  
61 PRIOR FILING DATE: 1998-09-10  
62 PRIOR APPLICATION NUMBER: 60/099811  
63 PRIOR FILING DATE: 1998-09-10  
64 PRIOR APPLICATION NUMBER: 60/099812  
65 PRIOR FILING DATE: 1998-09-10  
66 PRIOR APPLICATION NUMBER: 60/099816  
67 PRIOR FILING DATE: 1998-09-10  
68 PRIOR APPLICATION NUMBER: 60/100038  
69 PRIOR FILING DATE: 1998-09-11  
70 PRIOR APPLICATION NUMBER: 60/100385  
71 PRIOR FILING DATE: 1998-09-15  
72 PRIOR APPLICATION NUMBER: 60/100390  
73 PRIOR FILING DATE: 1998-09-15  
74 PRIOR APPLICATION NUMBER: 60/100627  
75 PRIOR FILING DATE: 1998-09-16  
76 PRIOR APPLICATION NUMBER: 60/100848  
77 PRIOR FILING DATE: 1998-09-18  
78 PRIOR APPLICATION NUMBER: 60/100919  
79 PRIOR FILING DATE: 1998-09-17  
80 PRIOR APPLICATION NUMBER: 60/101477  
81 PRIOR FILING DATE: 1998-09-23  
82 PRIOR APPLICATION NUMBER: 60/101738  
83 PRIOR FILING DATE: 1998-09-24  
84 PRIOR APPLICATION NUMBER: 60/101741  
85 PRIOR FILING DATE: 1998-09-24  
86 PRIOR APPLICATION NUMBER: 60/101786  
87 PRIOR FILING DATE: 1998-09-25  
88 PRIOR APPLICATION NUMBER: 60/101916  
89 PRIOR FILING DATE: 1998-09-24  
90 PRIOR APPLICATION NUMBER: 60/101922  
91 PRIOR FILING DATE: 1998-09-24  
92 PRIOR APPLICATION NUMBER: 60/106178  
93 PRIOR FILING DATE: 1998-10-28  
94 PRIOR APPLICATION NUMBER: 60/106248  
95 PRIOR FILING DATE: 1998-10-29  
96 PRIOR APPLICATION NUMBER: 60/106464  
97 PRIOR FILING DATE: 1998-10-30  
98 PRIOR APPLICATION NUMBER: 60/106905  
99 PRIOR FILING DATE: 1998-11-03  
100 PRIOR APPLICATION NUMBER: 60/108787  
101 PRIOR FILING DATE: 1998-11-17  
102 PRIOR APPLICATION NUMBER: 60/108801  
103 PRIOR FILING DATE: 1998-11-17  
104 PRIOR APPLICATION NUMBER: 60/108849  
105 PRIOR FILING DATE: 1998-11-18  
106 PRIOR APPLICATION NUMBER: 60/112422  
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108 PRIOR APPLICATION NUMBER: 60/113296  
109 PRIOR FILING DATE: 1998-12-22  
110 PRIOR APPLICATION NUMBER: 60/113605  
111 PRIOR FILING DATE: 1998-12-23  
112 PRIOR APPLICATION NUMBER: 60/113621  
113 PRIOR FILING DATE: 1998-12-23  
114 PRIOR APPLICATION NUMBER: 60/115558  
115 PRIOR FILING DATE: 1999-01-12  
116 PRIOR APPLICATION NUMBER: 60/115565  
117 PRIOR FILING DATE: 1999-01-12  
118 PRIOR APPLICATION NUMBER: 60/115733  
119 PRIOR FILING DATE: 1999-01-12  
120 PRIOR APPLICATION NUMBER: 60/119549  
121 PRIOR FILING DATE: 1999-02-10  
122 PRIOR APPLICATION NUMBER: 60/123618  
123 PRIOR FILING DATE: 1999-03-10  
124 PRIOR APPLICATION NUMBER: 60/125259  
125 PRIOR FILING DATE: 1999-03-19  
126 PRIOR APPLICATION NUMBER: 60/125775  
127 PRIOR FILING DATE: 1999-03-23  
128 PRIOR APPLICATION NUMBER: 60/126773  
129 PRIOR FILING DATE: 1999-03-29  
130 PRIOR APPLICATION NUMBER: 60/127887  
131 PRIOR FILING DATE: 1999-04-05  
132 PRIOR APPLICATION NUMBER: 60/130232  
133 PRIOR FILING DATE: 1999-04-21  
134 PRIOR APPLICATION NUMBER: 60/131022  
135 PRIOR FILING DATE: 1999-04-26  
136 PRIOR APPLICATION NUMBER: 60/131270  
137 PRIOR FILING DATE: 1999-04-27  
138 PRIOR APPLICATION NUMBER: 60/131291  
139 PRIOR FILING DATE: 1999-04-27  
140 PRIOR APPLICATION NUMBER: 60/131445  
141 PRIOR FILING DATE: 1999-04-28  
142 PRIOR APPLICATION NUMBER: 60/134287  
143 PRIOR FILING DATE: 1999-05-14  
144 PRIOR APPLICATION NUMBER: 60/140650  
145 PRIOR FILING DATE: 1999-06-22  
146 PRIOR APPLICATION NUMBER: 60/140723

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; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
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; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
      |||
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
      |||

QY      61  FFCVMFLCAAEWLTGLNMPFLAYHIWYMSRPVMSGPGLYDPTTNNADILAYCOKEGW 120
      |||
Db      61  FFCVMFLCAAEWLTGLNMPFLAYHIWYMSRPVMSGPGLYDPTTNNADILAYCOKEGW 120
      |||

QY      121  CKLAFYLLAFFYLYGMYIVLVSS 144
      |||
Db      121  CKLAFYLLAFFYLYGMYIVLVSS 144
      |||

RESULT 59
US-10-230-338-120
; Sequence 120, Application US/10230338
; Publication No. US20030044934A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerrietsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PLC92
; CURRENT APPLICATION NUMBER: US/10/230,338
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
      |||
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
      |||

QY      61  FFCVMFLCAAEWLTGLNMPFLAYHIWYMSRPVMSGPGLYDPTTNNADILAYCOKEGW 120
      |||
Db      61  FFCVMFLCAAEWLTGLNMPFLAYHIWYMSRPVMSGPGLYDPTTNNADILAYCOKEGW 120
      |||

QY      121  CKLAFYLLAFFYLYGMYIVLVSS 144
      |||
Db      121  CKLAFYLLAFFYLYGMYIVLVSS 144
      |||

RESULT 59
US-10-230-338-120
; Sequence 120, Application US/10230338
; Publication No. US20030044934A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerrietsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PLC92
; CURRENT APPLICATION NUMBER: US/10/230,338
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
      |||
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
      |||

QY      61  FFCVMFLCAAEWLTGLNMPFLAYHIWYMSRPVMSGPGLYDPTTNNADILAYCOKEGW 120
      |||
Db      61  FFCVMFLCAAEWLTGLNMPFLAYHIWYMSRPVMSGPGLYDPTTNNADILAYCOKEGW 120
      |||

QY      121  CKLAFYLLAFFYLYGMYIVLVSS 144
      |||
Db      121  CKLAFYLLAFFYLYGMYIVLVSS 144
      |||

RESULT 59
US-10-230-338-120
; Sequence 120, Application US/10218631
; Publication No. US20030045687A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerrietsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PLC14
; CURRENT APPLICATION NUMBER: US/10/218,631
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
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; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-631-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 61
US-10-017-081A-322
; Sequence 322, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens

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## US-10-017-081A-322

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Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 62
US-10-230-414-120
; Sequence 120, Application US/10230414
; Publication No. US20030050448A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC98
; CURRENT APPLICATION NUMBER: US/10/230,414
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/082287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-414-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

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Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 63
US-10-017-754-327
; Sequence 327, Application US/10017754
; Publication No. US20030054363A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, Robert A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Johnson, Jeffrey C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Marnerakis, Margarita
; APPLICANT: Carter, Darrick
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Bangur, Chatanya S.
; APPLICANT: McNabb, Andria
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.478C18
; CURRENT APPLICATION NUMBER: US/10/017,754
; CURRENT FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 2004
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 327
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-754-327
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```
Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
```

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RESULT 64
US-10-167-749-322
; Sequence 322, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

```
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-749-322
```

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Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
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RESULT 65
US-10-013-921A-322
; Sequence 322, Application US/1013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
```

APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: KJavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC84  
CURRENT APPLICATION NUMBER: US/10/013,921A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
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PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
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PRIOR FILING DATE: 1998-03-30  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
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PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
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PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554

; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083558  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083559  
; PRIOR FILING DATE: 1998-04-29  
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; PRIOR APPLICATION NUMBER: 60/083742  
; PRIOR FILING DATE: 1998-04-30  
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; PRIOR FILING DATE: 1998-05-06  
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; PRIOR FILING DATE: 1998-05-06  
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; PRIOR FILING DATE: 1998-05-07  
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; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084598  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
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; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085338  
; PRIOR FILING DATE: 1998-05-13  
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; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
DB 1 MAFTFAAFCYMLALLTLAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 66  
US-10-216-159A-120  
; Sequence 120, Application US/10216159A  
; Publication No. US20030069397A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C6  
; CURRENT APPLICATION NUMBER: US/10/216,159A  
; CURRENT FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-216-159A-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
DB 1 MAFTFAAFCYMLALLTLAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 67  
US-10-013-929A-322  
; Sequence 322, Application US/10013929A  
; Publication No. US2003007245A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC89  
CURRENT APPLICATION NUMBER: US/10/013,929A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
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PRIOR APPLICATION NUMBER: 60/080328  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
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PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500

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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60

QY      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY      121  CKLAFYLLAFYYLYGMYIYLVSS 144
Db      121  CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 68
US-10-016-177A-322
; Sequence 322, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60

QY      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY      121  CKLAFYLLAFYYLYGMYIYLVSS 144
Db      121  CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 69
US-10-218-849-120
; Sequence 120, Application US/10218849
; Publication No. US20030073814A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnovers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530FIC11
; CURRENT APPLICATION NUMBER: US/10/218,849
; CURRENT FILING DATE: 2002-08-12
; Prior Application removed - See File Wrapper or Palm
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; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-849-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAAIFFAIWHIIAEDLKTIDYKNPIDQCNTLNPLVPEYLHA 60
   |||
DB 1 MAFTFAFCYMLALLTAAIFFAIWHIIAEDLKTIDYKNPIDQCNTLNPLVPEYLHA 60
   |||

QY 61 FFCVFLCAAEWLTLGLNMLPLAYHIWYMRPVMGSLYDPTTMMADILAYCOKEGW 120
   |||
DB 61 FFCVFLCAAEWLTLGLNMLPLAYHIWYMRPVMGSLYDPTTMMADILAYCOKEGW 120
   |||

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||

RESULT 70
US-10-227-873-120
; Sequence 120, Application US/10227873
; Publication No. US20030073816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C72
; CURRENT APPLICATION NUMBER: US/10/227,873
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
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; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/106178
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; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: 60/106905
; PRIOR FILING DATE: 1998-11-03
; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108849
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 60/112422
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113296
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115565
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115733
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119549
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/123618
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/125259
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 60/125775
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/126773
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: 60/127887
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/130232
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131022
; PRIOR FILING DATE: 1999-04-26
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
      |||
Db      1  MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
      |||
QY      61  FFCVMFLCAAEMTLGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMNADILAYCOKEGW 120
      |||
Db      61  FFCVMFLCAAEMTLGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMNADILAYCOKEGW 120
      |||
QY      121  CKLAFYLLAFFYLYGMIVLVSS 144
      |||
Db      121  CKLAFYLLAFFYLYGMIVLVSS 144
      |||

RESULT 71
US-10-227-883-120
; Sequence 120, Application US/10227883
; Publication No. US20030073817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C78
; CURRENT APPLICATION NUMBER: US/10/227,883
; CURRENT FILING DATE: 2002-08-25
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
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1 PRIOR FILING DATE: 1998-05-06  
2 PRIOR APPLICATION NUMBER: 60/085323  
3 PRIOR FILING DATE: 1998-05-13  
4 PRIOR APPLICATION NUMBER: 60/085579  
5 PRIOR FILING DATE: 1998-05-15  
6 PRIOR APPLICATION NUMBER: 60/086392  
7 PRIOR FILING DATE: 1998-05-22  
8 PRIOR APPLICATION NUMBER: 60/089532  
9 PRIOR FILING DATE: 1998-06-17  
10 PRIOR APPLICATION NUMBER: 60/089538  
11 PRIOR FILING DATE: 1998-06-17  
12 PRIOR APPLICATION NUMBER: 60/089905  
13 PRIOR FILING DATE: 1998-06-18  
14 PRIOR APPLICATION NUMBER: 60/090472  
15 PRIOR FILING DATE: 1998-06-24  
16 PRIOR APPLICATION NUMBER: 60/090557  
17 PRIOR FILING DATE: 1998-06-24  
18 PRIOR APPLICATION NUMBER: 60/090691  
19 PRIOR FILING DATE: 1998-06-25  
20 PRIOR APPLICATION NUMBER: 60/090695  
21 PRIOR FILING DATE: 1998-06-25  
22 PRIOR APPLICATION NUMBER: 60/091982  
23 PRIOR FILING DATE: 1998-07-07  
24 PRIOR APPLICATION NUMBER: 60/095302  
25 PRIOR FILING DATE: 1998-08-04  
26 PRIOR APPLICATION NUMBER: 60/095318  
27 PRIOR FILING DATE: 1998-08-04  
28 PRIOR APPLICATION NUMBER: 60/095916  
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30 PRIOR APPLICATION NUMBER: 60/096146  
31 PRIOR FILING DATE: 1998-08-11  
32 PRIOR APPLICATION NUMBER: 60/096791  
33 PRIOR FILING DATE: 1998-08-17  
34 PRIOR APPLICATION NUMBER: 60/097986  
35 PRIOR FILING DATE: 1998-08-26  
36 PRIOR APPLICATION NUMBER: 60/098544  
37 PRIOR FILING DATE: 1998-08-31  
38 PRIOR APPLICATION NUMBER: 60/099596  
39 PRIOR FILING DATE: 1998-09-09  
40 PRIOR APPLICATION NUMBER: 60/099598  
41 PRIOR FILING DATE: 1998-09-09  
42 PRIOR APPLICATION NUMBER: 60/099803  
43 PRIOR FILING DATE: 1998-09-10  
44 PRIOR APPLICATION NUMBER: 60/099811  
45 PRIOR FILING DATE: 1998-09-10  
46 PRIOR APPLICATION NUMBER: 60/099812  
47 PRIOR FILING DATE: 1998-09-10  
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49 PRIOR FILING DATE: 1998-09-10  
50 PRIOR APPLICATION NUMBER: 60/100038  
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52 PRIOR APPLICATION NUMBER: 60/100385  
53 PRIOR FILING DATE: 1998-09-15  
54 PRIOR APPLICATION NUMBER: 60/100390  
55 PRIOR FILING DATE: 1998-09-15  
56 PRIOR APPLICATION NUMBER: 60/100627  
57 PRIOR FILING DATE: 1998-09-16  
58 PRIOR APPLICATION NUMBER: 60/100848  
59 PRIOR FILING DATE: 1998-09-18  
60 PRIOR APPLICATION NUMBER: 60/100919  
61 PRIOR FILING DATE: 1998-09-17  
62 PRIOR APPLICATION NUMBER: 60/101477  
63 PRIOR FILING DATE: 1998-09-23  
64 PRIOR APPLICATION NUMBER: 60/101738  
65 PRIOR FILING DATE: 1998-09-24  
66 PRIOR APPLICATION NUMBER: 60/101741  
67 PRIOR FILING DATE: 1998-09-24  
68 PRIOR APPLICATION NUMBER: 60/101786  
69 PRIOR FILING DATE: 1998-09-25  
70 PRIOR APPLICATION NUMBER: 60/101916  
71 PRIOR FILING DATE: 1998-09-24  
72 PRIOR APPLICATION NUMBER: 60/101922  
73 PRIOR FILING DATE: 1998-09-24  
74 PRIOR APPLICATION NUMBER: 60/106178  
75 PRIOR FILING DATE: 1998-10-28  
76 PRIOR APPLICATION NUMBER: 60/106248  
77 PRIOR FILING DATE: 1998-10-29  
78 PRIOR APPLICATION NUMBER: 60/106464  
79 PRIOR FILING DATE: 1998-10-30  
80 PRIOR APPLICATION NUMBER: 60/106905  
81 PRIOR FILING DATE: 1998-11-03  
82 PRIOR APPLICATION NUMBER: 60/108787  
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84 PRIOR APPLICATION NUMBER: 60/108801  
85 PRIOR FILING DATE: 1998-11-17  
86 PRIOR APPLICATION NUMBER: 60/113849  
87 PRIOR FILING DATE: 1998-11-18  
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93 PRIOR FILING DATE: 1998-12-23  
94 PRIOR APPLICATION NUMBER: 60/113621  
95 PRIOR FILING DATE: 1998-12-23  
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97 PRIOR FILING DATE: 1999-01-12  
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106 PRIOR APPLICATION NUMBER: 60/125259  
107 PRIOR FILING DATE: 1999-03-19  
108 PRIOR APPLICATION NUMBER: 60/125775  
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111 PRIOR FILING DATE: 1999-03-29  
112 PRIOR APPLICATION NUMBER: 60/127887  
113 PRIOR FILING DATE: 1999-04-05  
114 PRIOR APPLICATION NUMBER: 60/130232  
115 PRIOR FILING DATE: 1999-04-21  
116 PRIOR APPLICATION NUMBER: 60/131022  
117 PRIOR FILING DATE: 1999-04-26  
118 PRIOR APPLICATION NUMBER: 60/131270  
119 PRIOR FILING DATE: 1999-04-27  
120 PRIOR APPLICATION NUMBER: 60/131291  
121 PRIOR FILING DATE: 1999-04-27  
122 PRIOR APPLICATION NUMBER: 60/131445  
123 PRIOR FILING DATE: 1999-04-28  
124 PRIOR APPLICATION NUMBER: 60/134287  
125 PRIOR FILING DATE: 1999-05-14  
126 PRIOR APPLICATION NUMBER: 60/140650  
127 PRIOR FILING DATE: 1999-06-22  
128 PRIOR APPLICATION NUMBER: 60/140723  
129 PRIOR FILING DATE: 1999-06-22  
130 PRIOR APPLICATION NUMBER: 60/141037  
131 PRIOR FILING DATE: 1999-06-23  
132 PRIOR APPLICATION NUMBER: 60/144758  
133 PRIOR FILING DATE: 1999-07-20  
134 PRIOR APPLICATION NUMBER: 60/145698  
135 PRIOR FILING DATE: 1999-07-26  
136 PRIOR APPLICATION NUMBER: 60/146222  
137 PRIOR FILING DATE: 1999-07-28  
138 PRIOR APPLICATION NUMBER: 60/146963  
139 PRIOR FILING DATE: 1999-08-03  
140 PRIOR APPLICATION NUMBER: 60/149320  
141 PRIOR FILING DATE: 1999-08-17  
142 PRIOR APPLICATION NUMBER: 60/149638  
143 PRIOR FILING DATE: 1999-08-17  
144 PRIOR APPLICATION NUMBER: 60/151733  
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146 PRIOR APPLICATION NUMBER: 60/164418



Tue Jun 15 08:30:07 2004

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; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAAFVCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MATFAAFVCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPELLAYHIWYMSRPVMSGPGLYDPTTMNADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPELLAYHIWYMSRPVMSGPGLYDPTTMNADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 72
US-10-219-076-120
; Sequence 120, Application US/10219076
; Publication No. US20030078379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C62
; CURRENT APPLICATION NUMBER: US/10/219,076
; PRIOR FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-219-076-120
; Sequence 120, Application US/10230434
; Publication No. US20030078380A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C82
; CURRENT APPLICATION NUMBER: US/10/230,434
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
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, PRIOR FILING DATE: 1999-11-09  
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, PRIOR APPLICATION NUMBER: 60/169445  
, PRIOR FILING DATE: 1999-12-07  
, PRIOR APPLICATION NUMBER: 60/169495

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; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDIQCNLTNPLVPEYLHA 60
Db 1 MAFTAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDIQCNLTNPLVPEYLHA 60

QY 61 FFCVMFLCAEMLTGLNPLLAYHWRVMSRPVMSGPLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVMFLCAEMLTGLNPLLAYHWRVMSRPVMSGPLYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFVLLAFFYLYGMIVLVSS 144
Db 121 CKLAFVLLAFFYLYGMIVLVSS 144

RESULT 74
US-10-219-003-120
; Sequence 120, Application US/10219003
; Publication No. US20030088063A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC12
; CURRENT APPLICATION NUMBER: US/10/219,003
; PRIOR FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
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; PRIOR APPLICATION NUMBER: 60/100385
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; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100848
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; PRIOR APPLICATION NUMBER: 60/101741
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; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
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; PRIOR FILING DATE: 1998-09-24
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; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
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Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy	1	MAFTFAAF	CYMLALLTAAAL	IFFAIIWHII	AFLDELKTDYKNP	IDQCNTLNPLVLP	EYLIIHA	60
Db	1	MAFTFAAF	CYMLALLTAAAL	IFFAIIWHII	AFLDELKTDYKNP	IDQCNTLNPLVLP	EYLIIHA	60
Qy	61	PFCVMFLCAAE	WLTGLGNMPL	LAYHIWRYS	PMSPVMSGPGLYDPT	TIMNADILAYCQEGW	120	
Db	61	PFCVMFLCAAE	WLTGLGNMPL	LAYHIWRYS	PMSPVMSGPGLYDPT	TIMNADILAYCQEGW	120	
Qy	121	CKLAFYLLA	FYYIYXGMIYV	IWSS	144			
Db	121	CKLAFYLLA	FYYIYXGMIYV	IWSS	144			

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RESULT 76
US-10-219-464-120
; Sequence 120, Application US/10219464
; Publication No. US20030088065A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC57
; CURRENT APPLICATION NUMBER: US/10/219,464
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-464-120

```

```

Db      61  PFCVNFCAAEWLTIGLNNPCLAYHWYMSRPVMSGPLGYDPTTIMNADILAYCQKEG 120
QY      121  CKLAFYLLAFFYLYGMIYLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 77
US-10-219-466-120
; Sequence 120, Application US/10219466
; Publication No. US20030088066A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C47
; CURRENT APPLICATION NUMBER: US/10/219,466
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-466-120

```

```

; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-464-120

Query Match          100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAFTFAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIIHA 60
| | | | |
DB      1 MAFTFAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIIHA 60
| | | | |

QY      61 FFCVMFLCAEHWLTLGNMPELLAHVIWRYMSRPVMGSGPLYDPTTIMNADILAYCQKEGW 120
| | | | |

```

## RESULT 78

US-10-219-479-120  
; Sequence 120, Application US/10219479  
; Publication No. US2003008067A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC33  
; CURRENT APPLICATION NUMBER: US/10/219,479  
; CURRENT FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-479-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
QY 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKGGW 120  
Db 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKGGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 79

US-10-219-481-120  
; Sequence 120, Application US/10219481  
; Publication No. US2003008068A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC28  
; CURRENT APPLICATION NUMBER: US/10/219,481  
; CURRENT FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-481-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
QY 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKGGW 120  
Db 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKGGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 80

US-10-230-260-120  
; Sequence 120, Application US/10230260  
; Publication No. US2003008070A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.

```
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC83
; CURRENT APPLICATION NUMBER: 10/230,260
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-260-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 81
US-10-232-231-120
; Sequence 120, Application US/10232231
; Publication No. US2003008071A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC104
; CURRENT APPLICATION NUMBER: US/10/232,231
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
```

```
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-231-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 82
US-10-232-233-120
; Sequence 120, Application US/10232233
; Publication No. US20030088072A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC108
; CURRENT APPLICATION NUMBER: US/10/232,233
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
```

```
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-10-31
/ PRIOR APPLICATION NUMBER: 60/069873
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 246
/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-232-233-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 83
US-10-216-165-120
/ Sequence 120, Application US/10216165
/ Publication No. US2003092886A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin L.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3530P1C7
/ CURRENT APPLICATION NUMBER: US/10/216,165
/ PRIOR FILING DATE: 2002-08-09
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/069873
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
```

```
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 246
/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-216-165-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 84
US-10-218-956-120
/ Sequence 120, Application US/10218956
/ Publication No. US20030092887A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin L.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3530P1C5
/ CURRENT APPLICATION NUMBER: US/10/218,956
/ PRIOR FILING DATE: 2002-08-12
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-10-31
/ PRIOR APPLICATION NUMBER: 60/069873
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/081819
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; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089905  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090691  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/093302  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095318  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095916  
; PRIOR FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/096146  
; PRIOR FILING DATE: 1998-08-11  
; PRIOR APPLICATION NUMBER: 60/096791  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: 60/097986  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/098544  
; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099803  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099811  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099816  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100038  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100390  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24

; PRIOR APPLICATION NUMBER: 60/101786  
; PRIOR FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101922  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/106178  
; PRIOR FILING DATE: 1998-10-28  
; PRIOR APPLICATION NUMBER: 60/106248  
; PRIOR FILING DATE: 1998-10-29  
; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113296  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115558  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115565  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115733  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/123618  
; PRIOR FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: 60/125259  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 60/125775  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/126773  
; PRIOR FILING DATE: 1999-03-29  
; PRIOR APPLICATION NUMBER: 60/127887  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/130232  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131022  
; PRIOR FILING DATE: 1999-04-26  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131445  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 60/134287  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 60/140650  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/140723  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/141037  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 60/144758  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/146222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: 60/146963  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/149320

; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/149638  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/151733  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 60/164418  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/166361  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/169445  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169495  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCWFLCAAEWLTGLNMLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKGV 120  
Db 61 FFCWFLCAAEWLTGLNMLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKGV 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 85

US-10-219-468-120  
; Sequence 120, Application US/10219468  
; Publication No. US20030092888A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC34  
; CURRENT APPLICATION NUMBER: US/10/219,468  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-468-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCWFLCAAEWLTGLNMLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKGV 120  
Db 61 FFCWFLCAAEWLTGLNMLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKGV 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 86

US-10-219-478-120  
; Sequence 120, Application US/10219478  
; Publication No. US20030092889A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC30  
; CURRENT APPLICATION NUMBER: US/10/219,478  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-478-120



Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
|||||

## RESULT 89

US-10-219-072-120  
; Sequence 120, Application US/10219072  
; Publication No. US2003009695A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C45  
; CURRENT APPLICATION NUMBER: US/10/219,072  
; CURRENT FILING DATE: 2002-08-13

; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-219-072-120  
Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60  
Db 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60  
QY 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEG 120  
Db 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEG 120  
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

## RESULT 90

US-10-219-470-120  
; Sequence 120, Application US/10219470

; Publication No. US20030096960A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C59  
; CURRENT APPLICATION NUMBER: US/10/219,470  
; CURRENT FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-219-470-120  
Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60  
Db 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60  
QY 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEG 120  
Db 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEG 120  
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

## RESULT 91

US-10-219-474-120  
; Sequence 120, Application US/10219474  
; Publication No. US20030096961A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.

```
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC36
; CURRENT APPLICATION NUMBER: US/10/219,474
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-474-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144

RESULT 92
US-10-219-524-120
; Sequence 120, Application US/10219524
; Publication No. US20030096962A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC68
; CURRENT APPLICATION NUMBER: US/10/219,528
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC37
; CURRENT APPLICATION NUMBER: US/10/219,524
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-524-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144

RESULT 93
US-10-219-528-120
; Sequence 120, Application US/10219528
; Publication No. US20030096963A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC68
; CURRENT APPLICATION NUMBER: US/10/219,528
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
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; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQONTLNPLVLPYLIHA 60
DB 1 MAFTFAAFYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQONTLNPLVLPYLIHA 60

QY 61 FFCWFLCAEWLTGLNPLLAYHINRYMSRPMVSGFLYDPTTINMADILAYCQEGW 120
DB 61 FFCWFLCAEWLTGLNPLLAYHINRYMSRPMVSGFLYDPTTINMADILAYCQEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 94
US-10-227-880-120
; Sequence 120, Application US/10227880
; Publication No. US20030096964A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC74
; CURRENT APPLICATION NUMBER: US/10/227,880
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
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; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100038  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100390  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101786  
; PRIOR FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101922  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/106178  
; PRIOR FILING DATE: 1998-10-28  
; PRIOR APPLICATION NUMBER: 60/106248  
; PRIOR FILING DATE: 1998-10-29  
; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113296  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115558  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115565  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115733  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/123618  
; PRIOR FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: 60/125259  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 60/125775  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/126773  
; PRIOR FILING DATE: 1999-03-29  
; PRIOR APPLICATION NUMBER: 60/127887  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/130232  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131022  
; PRIOR FILING DATE: 1999-04-26  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27

; PRIOR APPLICATION NUMBER: 60/131445  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 60/134287  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 60/140650  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/140723  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/141037  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 60/144758  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/146222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: 60/146963  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/149320  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/149638  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/151733  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 60/164418  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/166361  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/169445  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169495  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLTAALIFFFAIWHIIADELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
DB 1 MAFTFAAFYMLALLTLTAALIFFFAIWHIIADELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
QY 61 FFCVNFCAAEWLTGLNPLLAYHIWYMRPVMSPVMSGLYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVNFCAAEWLTGLNPLLAYHIWYMRPVMSPVMSGLYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 95

US-10-227-881-120  
; Sequence 120, Application US/10227881  
; Publication No. US20030096965A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3530PIC80  
; CURRENT APPLICATION NUMBER: US/10/227,881  
; CURRENT FILING DATE: 2002-08-26  
; PRIOR APPLICATION NUMBER: 10/119,480





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; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALTAALFFAIWHIIAFDELKTDYKXNPIDQCNLTNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAALTAALFFAIWHIIAFDELKTDYKXNPIDQCNLTNPLVPEYLHA 60

QY 61 FFCVMEFLCAAEWTLGLNMLLAYHWRVMSRPMVMSGGLYDPTTMNADILAYCQKEGW 120
Db 61 FFCVMEFLCAAEWTLGLNMLLAYHWRVMSRPMVMSGGLYDPTTMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGYMYVVLVS 144
Db 121 CKLAFYLLAFYYLYGYMYVVLVS 144

RESULT 96
US-10-227-882-120
; Sequence 120, Application US/10227882
; Publication No. US2003009666A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin I.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C81
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: US/10/227,882
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 10/119,480
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RESULT 97
US-10-230-436-120
; Sequence 120, Application US/10230436
; Publication No. US20030096967A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRAN
; TITLE OF INVENTION: ACIDS ENCODING
; FILE REFERENCE: P3530P1C97
; CURRENT APPLICATION NUMBER: US/10/230

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; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-230-436-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCWFLCAAEWTLGLNMPILLAYHWYMSRPVMSGPGLYDPTTMMADILAYCOKEGW 120
Db 61 FFCWFLCAAEWTLGLNMPILLAYHWYMSRPVMSGPGLYDPTTMMADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 98
US-10-232-223-120
; Sequence 120, Application US/10232223
; Publication No. US20030096968A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C102
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-232-223-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCWFLCAAEWTLGLNMPILLAYHWYMSRPVMSGPGLYDPTTMMADILAYCOKEGW 120
Db 61 FFCWFLCAAEWTLGLNMPILLAYHWYMSRPVMSGPGLYDPTTMMADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 99
US-10-232-225-120
; Sequence 120, Application US/10232225
; Publication No. US20030096969A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C107
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
```

```
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-225-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFYCYMLALLTAALFFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLYLIHA 60
   |||||||
Db 1 MAFTFAAFYCYMLALLTAALFFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLYLIHA 60
   |||||||

Qy 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMRPVMGSGLYDPTTMMADILAYCOKEGW 120
   |||||||
Db 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMRPVMGSGLYDPTTMMADILAYCOKEGW 120
   |||||||

Qy 121 CKLAFYLLAFYLYGMIYVLVSS 144
   |||||||
Db 121 CKLAFYLLAFYLYGMIYVLVSS 144
   |||||||

RESULT 100
US-10-232-227-120
; Sequence 120, Application US/10232227
; Publication No. US20030096970A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C109
; CURRENT APPLICATION NUMBER: US/10/232,227
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-229-120

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-227-120
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RESULT 103  
US-10-219-060-120  
; Sequence 120, Application US/10219060  
; Publication No. US2003010064A1  
; GENERAL INFORMATION:

1	PRIOR FILING DATE: 2002-04-03
2	PRIOR APPLICATION NUMBER: 60/059113
3	PRIOR FILING DATE: 1997-09-17
4	PRIOR APPLICATION NUMBER: 60/062287
5	PRIOR FILING DATE: 1997-10-17
6	PRIOR APPLICATION NUMBER: 60/063549
7	PRIOR FILING DATE: 1997-10-28
8	PRIOR APPLICATION NUMBER: 60/064103
9	PRIOR FILING DATE: 1997-10-31
10	PRIOR APPLICATION NUMBER: 60/069873
11	PRIOR FILING DATE: 1997-12-17
12	PRIOR APPLICATION NUMBER: 60/078910
13	PRIOR FILING DATE: 1998-03-20
14	PRIOR APPLICATION NUMBER: 60/079294
15	PRIOR FILING DATE: 1998-03-25
16	PRIOR APPLICATION NUMBER: 60/079656
17	PRIOR FILING DATE: 1998-03-26
18	PRIOR APPLICATION NUMBER: 60/079728
19	PRIOR FILING DATE: 1998-03-27
20	PRIOR APPLICATION NUMBER: 60/081819
21	PRIOR FILING DATE: 1998-04-15
22	PRIOR APPLICATION NUMBER: 60/081955
23	PRIOR FILING DATE: 1998-04-15
24	PRIOR APPLICATION NUMBER: 60/082804
25	PRIOR FILING DATE: 1998-04-22
26	PRIOR APPLICATION NUMBER: 60/084441
27	PRIOR FILING DATE: 1998-05-06
28	PRIOR APPLICATION NUMBER: 60/085323
29	PRIOR FILING DATE: 1998-05-13
30	PRIOR APPLICATION NUMBER: 60/085579
31	PRIOR FILING DATE: 1998-05-15
32	PRIOR APPLICATION NUMBER: 60/086392
33	PRIOR FILING DATE: 1998-05-22
34	PRIOR APPLICATION NUMBER: 60/089532
35	PRIOR FILING DATE: 1998-06-17
36	PRIOR APPLICATION NUMBER: 60/089538
37	PRIOR FILING DATE: 1998-06-17
38	PRIOR APPLICATION NUMBER: 60/089905
39	PRIOR FILING DATE: 1998-06-18
40	PRIOR APPLICATION NUMBER: 60/090472

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/ PRIOR FILING NUMBER: 60/089538
/ PRIOR FILING DATE: 1998-06-17
/ PRIOR APPLICATION NUMBER: 60/089538
/ PRIOR FILING DATE: 1998-06-17
/ PRIOR APPLICATION NUMBER: 60/039905
/ PRIOR FILING DATE: 1998-06-18
/ PRIOR APPLICATION NUMBER: 60/030472

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1 PRIOR FILING DATE: 1998-06-24  
2 PRIOR APPLICATION NUMBER: 60/090557  
3 PRIOR FILING DATE: 1998-06-24  
4 PRIOR APPLICATION NUMBER: 60/090591  
5 PRIOR FILING DATE: 1998-06-25  
6 PRIOR APPLICATION NUMBER: 60/090695  
7 PRIOR FILING DATE: 1998-06-25  
8 PRIOR APPLICATION NUMBER: 60/091982  
9 PRIOR FILING DATE: 1998-07-07  
10 PRIOR APPLICATION NUMBER: 60/095302  
11 PRIOR FILING DATE: 1998-08-04  
12 PRIOR APPLICATION NUMBER: 60/095318  
13 PRIOR FILING DATE: 1998-08-04  
14 PRIOR APPLICATION NUMBER: 60/095916  
15 PRIOR FILING DATE: 1998-08-10  
16 PRIOR APPLICATION NUMBER: 60/096146  
17 PRIOR FILING DATE: 1998-08-11  
18 PRIOR APPLICATION NUMBER: 60/096791  
19 PRIOR FILING DATE: 1998-08-17  
20 PRIOR APPLICATION NUMBER: 60/097986  
21 PRIOR FILING DATE: 1998-08-26  
22 PRIOR APPLICATION NUMBER: 60/098544  
23 PRIOR FILING DATE: 1998-08-31  
24 PRIOR APPLICATION NUMBER: 60/099596  
25 PRIOR FILING DATE: 1998-09-09  
26 PRIOR APPLICATION NUMBER: 60/099598  
27 PRIOR FILING DATE: 1998-09-09  
28 PRIOR APPLICATION NUMBER: 60/099803  
29 PRIOR FILING DATE: 1998-09-10  
30 PRIOR APPLICATION NUMBER: 60/099811  
31 PRIOR FILING DATE: 1998-09-10  
32 PRIOR APPLICATION NUMBER: 60/099812  
33 PRIOR FILING DATE: 1998-09-10  
34 PRIOR APPLICATION NUMBER: 60/099816  
35 PRIOR FILING DATE: 1998-09-10  
36 PRIOR APPLICATION NUMBER: 60/100038  
37 PRIOR FILING DATE: 1998-09-11  
38 PRIOR APPLICATION NUMBER: 60/100385  
39 PRIOR FILING DATE: 1998-09-15  
40 PRIOR APPLICATION NUMBER: 60/100390  
41 PRIOR FILING DATE: 1998-09-15  
42 PRIOR APPLICATION NUMBER: 60/100627  
43 PRIOR FILING DATE: 1998-09-16  
44 PRIOR APPLICATION NUMBER: 60/100848  
45 PRIOR FILING DATE: 1998-09-18  
46 PRIOR APPLICATION NUMBER: 60/100919  
47 PRIOR FILING DATE: 1998-09-17  
48 PRIOR APPLICATION NUMBER: 60/101477  
49 PRIOR FILING DATE: 1998-09-23  
50 PRIOR APPLICATION NUMBER: 60/101738  
51 PRIOR FILING DATE: 1998-09-24  
52 PRIOR APPLICATION NUMBER: 60/101741  
53 PRIOR FILING DATE: 1998-09-24  
54 PRIOR APPLICATION NUMBER: 60/101786  
55 PRIOR FILING DATE: 1998-09-25  
56 PRIOR APPLICATION NUMBER: 60/101916  
57 PRIOR FILING DATE: 1998-09-24  
58 PRIOR APPLICATION NUMBER: 60/101922  
59 PRIOR FILING DATE: 1998-09-24  
60 PRIOR APPLICATION NUMBER: 60/106178  
61 PRIOR FILING DATE: 1998-10-28  
62 PRIOR APPLICATION NUMBER: 60/106248  
63 PRIOR FILING DATE: 1998-10-29  
64 PRIOR APPLICATION NUMBER: 60/106464  
65 PRIOR FILING DATE: 1998-10-30  
66 PRIOR APPLICATION NUMBER: 60/106905  
67 PRIOR FILING DATE: 1998-11-03  
68 PRIOR APPLICATION NUMBER: 60/108787  
69 PRIOR FILING DATE: 1998-11-17  
70 PRIOR APPLICATION NUMBER: 60/108801  
71 PRIOR FILING DATE: 1998-11-17  
72 PRIOR APPLICATION NUMBER: 60/108849  
73 PRIOR FILING DATE: 1998-11-18

74 PRIOR APPLICATION NUMBER: 60/112422  
75 PRIOR FILING DATE: 1998-12-15  
76 PRIOR APPLICATION NUMBER: 60/113296  
77 PRIOR FILING DATE: 1998-12-22  
78 PRIOR APPLICATION NUMBER: 60/113605  
79 PRIOR FILING DATE: 1998-12-23  
80 PRIOR APPLICATION NUMBER: 60/113621  
81 PRIOR FILING DATE: 1998-12-23  
82 PRIOR APPLICATION NUMBER: 60/115558  
83 PRIOR FILING DATE: 1999-01-12  
84 PRIOR APPLICATION NUMBER: 60/115565  
85 PRIOR FILING DATE: 1999-01-12  
86 PRIOR APPLICATION NUMBER: 60/115733  
87 PRIOR FILING DATE: 1999-01-12  
88 PRIOR APPLICATION NUMBER: 60/119549  
89 PRIOR FILING DATE: 1999-02-10  
90 PRIOR APPLICATION NUMBER: 60/123618  
91 PRIOR FILING DATE: 1999-03-10  
92 PRIOR APPLICATION NUMBER: 60/125259  
93 PRIOR FILING DATE: 1999-03-19  
94 PRIOR APPLICATION NUMBER: 60/125775  
95 PRIOR FILING DATE: 1999-03-23  
96 PRIOR APPLICATION NUMBER: 60/126773  
97 PRIOR FILING DATE: 1999-03-29  
98 PRIOR APPLICATION NUMBER: 60/127887  
99 PRIOR FILING DATE: 1999-04-05  
100 PRIOR APPLICATION NUMBER: 60/130232  
101 PRIOR FILING DATE: 1999-04-21  
102 PRIOR APPLICATION NUMBER: 60/131022  
103 PRIOR FILING DATE: 1999-04-26  
104 PRIOR APPLICATION NUMBER: 60/131270  
105 PRIOR FILING DATE: 1999-04-27  
106 PRIOR APPLICATION NUMBER: 60/131291  
107 PRIOR FILING DATE: 1999-04-27  
108 PRIOR APPLICATION NUMBER: 60/131445  
109 PRIOR FILING DATE: 1999-04-28  
110 PRIOR APPLICATION NUMBER: 60/134287  
111 PRIOR FILING DATE: 1999-05-14  
112 PRIOR APPLICATION NUMBER: 60/140650  
113 PRIOR FILING DATE: 1999-06-22  
114 PRIOR APPLICATION NUMBER: 60/140723  
115 PRIOR FILING DATE: 1999-06-22  
116 PRIOR APPLICATION NUMBER: 60/141037  
117 PRIOR FILING DATE: 1999-06-23  
118 PRIOR APPLICATION NUMBER: 60/144758  
119 PRIOR FILING DATE: 1999-07-20  
120 PRIOR APPLICATION NUMBER: 60/145698  
121 PRIOR FILING DATE: 1999-07-26  
122 PRIOR APPLICATION NUMBER: 60/146222  
123 PRIOR FILING DATE: 1999-07-28  
124 PRIOR APPLICATION NUMBER: 60/146963  
125 PRIOR FILING DATE: 1999-08-03  
126 PRIOR APPLICATION NUMBER: 60/149320  
127 PRIOR FILING DATE: 1999-08-17  
128 PRIOR APPLICATION NUMBER: 60/149638  
129 PRIOR FILING DATE: 1999-08-17  
130 PRIOR APPLICATION NUMBER: 60/151733  
131 PRIOR FILING DATE: 1999-08-31  
132 PRIOR APPLICATION NUMBER: 60/164418  
133 PRIOR FILING DATE: 1999-11-09  
134 PRIOR APPLICATION NUMBER: 60/166361  
135 PRIOR FILING DATE: 1999-11-16  
136 PRIOR APPLICATION NUMBER: 60/169445  
137 PRIOR FILING DATE: 1999-12-07  
138 PRIOR APPLICATION NUMBER: 60/169495  
139 PRIOR FILING DATE: 1999-12-07  
140 PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MAFTFAAFVYMLALLTAALFFFAIWHIAFDLKTDFKNDQNTINPLVLPYLIHA 60

Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGGLYDPTTINMADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGGLYDPTTINMADILAYCOKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 104

US-10-223-085-2  
; Sequence 2, Application US/10223085  
; Publication No. US20030100497A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Masters, Scot A.  
; APPLICANT: Pan, James  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P.Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P3235PIC10  
; CURRENT APPLICATION NUMBER: US/10/223,085  
; CURRENT FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 10/081,056  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/213,637  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: US 09/643,657  
; PRIOR FILING DATE: 2000-08-17  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; PRIOR FILING DATE: 2000-08-24  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 2  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-085-2

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLVPEYLIHA 60  
Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGGLYDPTTINMADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGGLYDPTTINMADILAYCOKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 105

US-10-216-160-120  
; Sequence 120, Application US/10216160  
; Publication No. US20030100708A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3530PIC8  
; CURRENT APPLICATION NUMBER: US/10/216,160  
; CURRENT FILING DATE: 2002-08-09  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 245  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-216-160-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLVPEYLIHA 60  
Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGGLYDPTTINMADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGGLYDPTTINMADILAYCOKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 106

US-10-216-162-120  
; Sequence 120, Application US/10216162  
; Publication No. US20030100709A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME



```
; FILE REFERENCE: P3530P1C2
; CURRENT APPLICATION NUMBER: US/10/216,162
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-216-162-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
      |||
Db      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120
      |||
Db      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120

QY      121  CKLAFYLLAFYYLYGMIYVLVSS 144
      |||
Db      121  CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 107
US-10-216-164-120
; Sequence 120, Application US/10216164
; Publication No. US20030100710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C2
; CURRENT APPLICATION NUMBER: US/10/216,164
; CURRENT FILING DATE: 2002-08-09
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-216-162-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
      |||
Db      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120
      |||
Db      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120

QY      121  CKLAFYLLAFYYLYGMIYVLVSS 144
      |||
Db      121  CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 108
US-10-216-167-120
; Sequence 120, Application US/10216167
; Publication No. US20030100711A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C4
; CURRENT APPLICATION NUMBER: US/10/216,167
; CURRENT FILING DATE: 2002-08-09
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
```

```

; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-216-168-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. NO. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTTAA..IFFAIWHIIAIFDELKTDYKKNPIDOCNTLNPLVLPEYLHA 60
      |||
Db      1  MAFTFAAFCYMLALLTTAA..IFFAIWHIIAIFDELKTDYKKNPIDOCNTLNPLVLPEYLHA 60
      |||

QY      61  FFCVMFLCAAEWTLGLNMPELLAHYIWRVMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120
      |||
Db      61  FFCVMFLCAAEWTLGLNMPELLAHYIWRVMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120
      |||

QY      121  CKLAFYLLAFYYLYGMIYVLVSS 144
      |||
Db      121  CKLAFYLLAFYYLYGMIYVLVSS 144
      |||

RESULT 110
US-10-219-065-120
; Sequence 120, Application US/10219065
; Publication No. US20030100713A1
; GENERAL INFORMATION:

```

1 APPLICANT: Gerritsen, Mary  
 2 APPLICANT: Goddard, Audrey  
 3 APPLICANT: Godowski, Paul J.  
 4 APPLICANT: Grimaldi, J. Christopher  
 5 APPLICANT: Gurney, Austin L.  
 6 APPLICANT: Smith, Victoria  
 7 APPLICANT: Stephan, Jean-Philippe F.  
 8 APPLICANT: Watanabe, Colin L.  
 9 APPLICANT: Wood, William I.  
 10 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 11 TITLE OF INVENTION: ACIDS ENCODING THE SAME  
 12 FILE REFERENCE: P3530PLC39  
 13 CURRENT APPLICATION NUMBER: US/10/219,065  
 14 CURRENT FILING DATE: 2002-08-13  
 15 PRIOR APPLICATION NUMBER: 10/119,480  
 16 PRIOR FILING DATE: 2002-04-09  
 17 PRIOR APPLICATION NUMBER: 60/059113  
 18 PRIOR FILING DATE: 1997-09-17  
 19 PRIOR APPLICATION NUMBER: 60/062287  
 20 PRIOR FILING DATE: 1997-10-17  
 21 PRIOR APPLICATION NUMBER: 60/063549  
 22 PRIOR FILING DATE: 1997-10-28  
 23 PRIOR APPLICATION NUMBER: 60/064103  
 24 PRIOR FILING DATE: 1997-10-31  
 25 PRIOR APPLICATION NUMBER: 60/069873  
 26 PRIOR FILING DATE: 1997-12-17  
 27 PRIOR APPLICATION NUMBER: 60/078910  
 28 PRIOR FILING DATE: 1998-03-20  
 29 PRIOR APPLICATION NUMBER: 60/079294  
 30 PRIOR FILING DATE: 1998-03-25  
 31 PRIOR APPLICATION NUMBER: 60/079656  
 32 PRIOR FILING DATE: 1998-03-26  
 33 PRIOR APPLICATION NUMBER: 60/079728  
 34 PRIOR FILING DATE: 1998-03-27  
 35 Remaining Prior Application data removed - See File Wrapper or PALM.  
 36 NUMBER OF SEQ ID NOS: 246  
 37 SEQ ID NO 120  
 38 LENGTH: 144  
 39 TYPE: PRT

```
! ORGANISM: Homo Sapien
US-10-219-065-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
Db 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

QY 61 FFCVWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 111
US-10-219-071-120
; Sequence 120, Application US/10219071
; Publication No. US20030100714A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC46
; CURRENT APPLICATION NUMBER: US/10/219,071
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-071-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
Db 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

QY 61 FFCVWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 112
US-10-219-074-120
; Sequence 120, Application US/10219074
; Publication No. US20030100715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC70
; CURRENT APPLICATION NUMBER: US/10/219,074
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-074-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
Db 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

QY 61 FFCVWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMNADILAYCQKEGW 120
```

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 113

US-10-219-077-120  
 ; Sequence 120, Application US/10219077  
 ; Publication No. US20030100716A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stephan, Jean-Philippe F.  
 ; APPLICANT: Watanabe, Colin L.  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3530PIC53  
 ; CURRENT APPLICATION NUMBER: US/10/219,077  
 ; PRIOR FILING DATE: 2002-08-13  
 ; PRIOR APPLICATION NUMBER: 60/119,480  
 ; PRIOR FILING DATE: 2002-04-09  
 ; PRIOR APPLICATION NUMBER: 60/059113  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/062287  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/063549  
 ; PRIOR FILING DATE: 1997-10-28  
 ; PRIOR APPLICATION NUMBER: 60/064103  
 ; PRIOR FILING DATE: 1997-10-31  
 ; PRIOR APPLICATION NUMBER: 60/069873  
 ; PRIOR FILING DATE: 1997-12-17  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/079294  
 ; PRIOR FILING DATE: 1998-03-25  
 ; PRIOR APPLICATION NUMBER: 60/079656  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: 60/079728  
 ; PRIOR FILING DATE: 1998-03-27  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SEQ ID NO 120  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-219-077-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQEGW 120  
 Db 61 FFCVMFLCAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 114

US-10-219-465-120  
 ; Sequence 120, Application US/10219465  
 ; Publication No. US20030100717A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stephan, Jean-Philippe F.  
 ; APPLICANT: Watanabe, Colin L.  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3530PIC50  
 ; CURRENT APPLICATION NUMBER: US/10/219,465  
 ; PRIOR FILING DATE: 2002-08-13  
 ; PRIOR APPLICATION NUMBER: 60/119,480  
 ; PRIOR FILING DATE: 2002-04-09  
 ; PRIOR APPLICATION NUMBER: 60/059113  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/062287  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/063549  
 ; PRIOR FILING DATE: 1997-10-28  
 ; PRIOR APPLICATION NUMBER: 60/064103  
 ; PRIOR FILING DATE: 1997-10-31  
 ; PRIOR APPLICATION NUMBER: 60/069873  
 ; PRIOR FILING DATE: 1997-12-17  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/079294  
 ; PRIOR FILING DATE: 1998-03-25  
 ; PRIOR APPLICATION NUMBER: 60/079656  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: 60/079728  
 ; PRIOR FILING DATE: 1998-03-27  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SEQ ID NO 120  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-219-465-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQEGW 120  
 Db 61 FFCVMFLCAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 115

US-10-219-467-120  
 ; Sequence 120, Application US/10219467  
 ; Publication No. US20030100718A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Gerritsen, Mary

? APPLICANT: WOOD, WILLIAM I.  
? TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
? FILE NUMBER: 08-07690  
? FILE OF INVENTION: ACIDS ENCODING THE SAME  
? FILE REFERENCE: P3530PIC69  
? CURRENT APPLICATION NUMBER: US/10/219,471  
? CURRENT FILING DATE: 2002-08-14  
? PRIOR APPLICATION NUMBER: 10/119,480

;; PRIOR FILING DATE: 2002-04-09  
;; PRIOR APPLICATION NUMBER: 60/059113  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/062287  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/063549  
;; PRIOR FILING DATE: 1997-10-28  
;; PRIOR APPLICATION NUMBER: 60/064103  
;; PRIOR FILING DATE: 1997-10-31  
;; PRIOR APPLICATION NUMBER: 60/069873  
;; PRIOR FILING DATE: 1997-12-17  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 246  
;; SEQ ID NO 120  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-219-471-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120  
Db 61 FFCVFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144  
Db 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 118  
US-10-219-473-120  
; Sequence 120, Application US/10219473  
; Publication No. US20030100721A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C35  
; CURRENT APPLICATION NUMBER: US/10/219,473  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294

;; PRIOR APPLICATION NUMBER: 60/064103  
;; PRIOR FILING DATE: 1997-10-31  
;; PRIOR APPLICATION NUMBER: 60/069873  
;; PRIOR FILING DATE: 1997-12-17  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 246  
;; SEQ ID NO 120  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-219-473-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120  
Db 61 FFCVFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144  
Db 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 119  
US-10-219-476-120  
; Sequence 120, Application US/10219476  
; Publication No. US20030100722A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C26  
; CURRENT APPLICATION NUMBER: US/10/219,476  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294

```

; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-482-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy      1 MAFTFAAFQCYMALLLTAALFFFAIHIIAFDELKTDYKNPIDQCNLTNPLVLYPEYLIHA 60
Db      1 MAFTFAAFQCYMALLLTAALFFFAIHIIAFDELKTDYKNPIDQCNLTNPLVLYPEYLIHA 60
Qy     61 FFCVNFICAERWLTGLNMPLELAHVHMYRSPVMSGPLGYDPTTMMADILAYCQKGGW 120
Db     61 FFCVNFICAERWLTGLNMPLELAHVHMYRSPVMSGPLGYDPTTMMADILAYCQKGGW 120
Qy    121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db    121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 121
US-10-227-874-120
; Sequence 120, Application US/10227874
; Publication No. US20030100724A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: F3530F1C77
; CURRENT APPLICATION NUMBER: US/10/227,874
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323

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; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAACFYMLALLTAAALFFAIWHIIADEFELKTDYKNPIDQNTLNPLVLPYLIHA 60
Db      1  MAFTFAACFYMLALLTAAALFFAIWHIIADEFELKTDYKNPIDQNTLNPLVLPYLIHA 60

Qy      61  FFCVNFCAEWLTGLNPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCQEGW 120
Db      61  FFCVNFCAEWLTGLNPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCQEGW 120

Qy      121  CKLAFYLLAFFYLYLGMIVLVSS 144
Db      121  CKLAFYLLAFFYLYLGMIVLVSS 144

RESULT 122
US-10-227-876-120
; Sequence 120, Application US/10227876
; Publication No. US20030100725A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC73
; CURRENT APPLICATION NUMBER: US/10/227,876
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
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; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
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; PRIOR APPLICATION NUMBER: 60/085579
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; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
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; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
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; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
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; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
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; PRIOR APPLICATION NUMBER: 60/097986
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; PRIOR APPLICATION NUMBER: 60/106178
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; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
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; PRIOR APPLICATION NUMBER: 60/130232
; PRIOR FILING DATE: 1999-04-21
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; PRIOR APPLICATION NUMBER: 60/146963
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; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLAALFFAIWHIIAFDELTAKTDYKNPIDQNTLNPLVLYLHA 60
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Db 1 MAFTFAAFCYMLALLTLAALFFAIWHIIAFDELTAKTDYKNPIDQNTLNPLVLYLHA 60
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QY 61 FFCVWFLCAAEWLTLGLNMPLLAYHWRYSRPPVMSGPGLYDPTTMMADILAYCQKEGW 120
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Db 61 FFCVWFLCAAEWLTLGLNMPLLAYHWRYSRPPVMSGPGLYDPTTMMADILAYCQKEGW 120
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QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144
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Db 121 CKLAFYLLAFFYLYGMYIYLVSS 144
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RESULT 123
US-10-227-878-120
; Sequence 120, Application US/10227878
; Publication No. US20030100726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C76
; CURRENT APPLICATION NUMBER: US/10/227,878
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
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; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
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1	PRIOR FILING DATE:	1998-05-06
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4	PRIOR APPLICATION NUMBER:	60/085579
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6	PRIOR APPLICATION NUMBER:	60/086392
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8	PRIOR APPLICATION NUMBER:	60/089532
9	PRIOR FILING DATE:	1998-06-17
10	PRIOR APPLICATION NUMBER:	60/089538
11	PRIOR FILING DATE:	1998-06-17
12	PRIOR APPLICATION NUMBER:	60/089905
13	PRIOR FILING DATE:	1998-06-18
14	PRIOR APPLICATION NUMBER:	60/090472
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16	PRIOR APPLICATION NUMBER:	60/090557
17	PRIOR FILING DATE:	1998-06-24
18	PRIOR APPLICATION NUMBER:	60/090691
19	PRIOR FILING DATE:	1998-06-25
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21	PRIOR FILING DATE:	1998-06-25
22	PRIOR APPLICATION NUMBER:	60/091982
23	PRIOR FILING DATE:	1998-07-07
24	PRIOR APPLICATION NUMBER:	60/095302
25	PRIOR FILING DATE:	1998-08-04
26	PRIOR APPLICATION NUMBER:	60/095318
27	PRIOR FILING DATE:	1998-08-04
28	PRIOR APPLICATION NUMBER:	60/095916
29	PRIOR FILING DATE:	1998-08-10
30	PRIOR APPLICATION NUMBER:	60/096146
31	PRIOR FILING DATE:	1998-08-11
32	PRIOR APPLICATION NUMBER:	60/096791
33	PRIOR FILING DATE:	1998-08-17
34	PRIOR APPLICATION NUMBER:	60/097986
35	PRIOR FILING DATE:	1998-08-26
36	PRIOR APPLICATION NUMBER:	60/098544
37	PRIOR FILING DATE:	1998-08-31
38	PRIOR APPLICATION NUMBER:	60/099596
39	PRIOR FILING DATE:	1998-09-09
40	PRIOR APPLICATION NUMBER:	60/099598
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44	PRIOR APPLICATION NUMBER:	60/099811
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50	PRIOR APPLICATION NUMBER:	60/100038
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56	PRIOR APPLICATION NUMBER:	60/100627
57	PRIOR FILING DATE:	1998-09-16
58	PRIOR APPLICATION NUMBER:	60/100848
59	PRIOR FILING DATE:	1998-09-18
60	PRIOR APPLICATION NUMBER:	60/100919
61	PRIOR FILING DATE:	1998-09-17
62	PRIOR APPLICATION NUMBER:	60/101477
63	PRIOR FILING DATE:	1998-09-23
64	PRIOR APPLICATION NUMBER:	60/101738
65	PRIOR FILING DATE:	1998-09-24
66	PRIOR APPLICATION NUMBER:	60/101741
67	PRIOR FILING DATE:	1998-09-24
68	PRIOR APPLICATION NUMBER:	60/101786
69	PRIOR FILING DATE:	1998-09-25
70	PRIOR APPLICATION NUMBER:	60/101916
71	PRIOR FILING DATE:	1998-09-24
72	PRIOR APPLICATION NUMBER:	60/101922
73	PRIOR FILING DATE:	1998-09-24

```
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 124
US-10-229-974-120
; Sequence 120, Application US/10229974
; Publication No. US20030100727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C91
; CURRENT APPLICATION NUMBER: US/10/229,974
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien

QY 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
```

```
US-10-229-974-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 125
US-10-230-024-120
; Sequence 120, Application US/10230024
; Publication No. US20030100728A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C89
; CURRENT APPLICATION NUMBER: US/10/230,024
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-230-024-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
```

DB 1 MAFTFAAFYLLALTAALIFAFALWHIIAFDELKTDYKRPIDQCNLTNPLVLPYLIHA 60  
QY 61 FFCVFLCAAEMLTGLNNMPLLAYHWRVMSRPGVGLYDPTTMMADILAYCQKGM 120  
DB 61 FFCVFLCAAEMLTGLNNMPLLAYHWRVMSRPGVGLYDPTTMMADILAYCQKGM 120  
QY 121 CKLAFVLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFVLLAFFYLYGMIVLVSS 144

RESULT 126  
US-10-230-113-120  
; Sequence 120, Application US/10230113  
; Publication No. US20030100729A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC95  
; CURRENT APPLICATION NUMBER: US/10/230,113  
; CURRENT FILING DATE: 2002-08-28  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089905  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090691  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/095302  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095318  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095916  
; PRIOR FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/096146  
; PRIOR FILING DATE: 1998-08-11  
; PRIOR APPLICATION NUMBER: 60/096791  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: 60/097986  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/098544  
; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099803  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099811  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099816  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100038  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100390  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101786  
; PRIOR FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101922  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/106178  
; PRIOR FILING DATE: 1998-10-28  
; PRIOR APPLICATION NUMBER: 60/106248  
; PRIOR FILING DATE: 1998-10-29  
; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849

```
Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0
```

	Query Match	100.0%;	Score 784;	DB 14;	Length 144;
	Best Local Similarity	100.0%;	Pred. No. 5,8e-78;		
	Matches 144;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
Qy	1	MAFTFAAFCYMALLLTAALFFFAIWHIIAFADELKTDYKNPDQCNLTNPLVLPEYLIIHA	60		
Db	1	MAFTFAAFCYMALLLTAALFFFAIWHIIAFADELKTDYKNPDQCNLTNPLVLPEYLIIHA	60		
Qy	61	FCYMFETCAAEPLTGLNNPLLAYHIVRYMSRPVMSGGLYDPTTIMNADILAYCQKGW	120		
Db	61	FCYMFETCAAEPLTGLNNPLLAYHIVRYMSRPVMSGGLYDPTTIMNADILAYCQKGW	120		

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 128

US-10-230-234-120

; Sequence 120, Application US/10230234  
; Publication No. US20030100731A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stephan, Jean-Philippe F.

; APPLICANT: Watanabe, Colin L.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC93

; CURRENT APPLICATION NUMBER: US/10/230,234

; PRIOR FILING DATE: 2002-08-28

; PRIOR APPLICATION NUMBER: 10/119,480

; PRIOR FILING DATE: 2002-04-09

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/063549

; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103

; PRIOR FILING DATE: 1997-10-31

; PRIOR APPLICATION NUMBER: 60/069873

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246

; SEQ ID NO 120

; LENGTH: 144

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-230-234-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60  
Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60

QY 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPMVSGPLGYDPTTIMNADILAYCQKEGW 120  
Db 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPMVSGPLGYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 129

US-10-230-306-120

; Sequence 120, Application US/10230306  
; Publication No. US20030100732A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stephan, Jean-Philippe F.

; APPLICANT: Watanabe, Colin L.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC90

; CURRENT APPLICATION NUMBER: US/10/230,306

; PRIOR FILING DATE: 2002-08-28

; PRIOR APPLICATION NUMBER: 10/119,480

; PRIOR FILING DATE: 2002-04-09

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/063549

; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103

; PRIOR FILING DATE: 1997-10-31

; PRIOR APPLICATION NUMBER: 60/069873

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246

; SEQ ID NO 120

; LENGTH: 144

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-230-306-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60  
Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60

QY 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPMVSGPLGYDPTTIMNADILAYCQKEGW 120  
Db 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPMVSGPLGYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 130

US-10-230-426-120

; Sequence 120, Application US/10230426  
; Publication No. US20030100733A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3530P1C88  
CURRENT APPLICATION NUMBER: US/10/230,426  
CURRENT FILING DATE: 2002-08-28  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 246  
SEQ ID NO 120  
LENGTH: 144  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-230-426-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPVYLIIHA 60  
Db 1 MAFTFAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPVYLIIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINNADILAYCQKCGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINNADILAYCQKCGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 131  
US-10-230-427-120  
Sequence 120, Application US/10230427  
Publication No. US20030100734A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.

APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3530P1C99  
CURRENT APPLICATION NUMBER: US/10/230,427  
CURRENT FILING DATE: 2002-08-28  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 246  
SEQ ID NO 120  
LENGTH: 144  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-230-427-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPVYLIIHA 60  
Db 1 MAFTFAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPVYLIIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINNADILAYCQKCGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINNADILAYCQKCGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 132  
US-10-230-433-120  
Sequence 120, Application US/10230433  
Publication No. US20030100735A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3530P1C86  
CURRENT APPLICATION NUMBER: US/10/230,433  
CURRENT FILING DATE: 2002-08-28  
PRIOR APPLICATION NUMBER: 10/119,480



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; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-433-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALALLTAALIFPAIWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
DB 1 MAFTFAAFCYMALALLTAALIFPAIWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
QY 61 FFCVMEFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
DB 61 FFCVMEFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFYYLYGMIVLVSS 144
DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 133
US-10-230-435-120
; Sequence 120, Application US/10230435
; Publication No. US20030100736A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C87
; CURRENT APPLICATION NUMBER: US/10/230,435
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294

```

```

; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-435-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALALLTAALIFPAIWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
DB 1 MAFTFAAFCYMALALLTAALIFPAIWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
QY 61 FFCVMEFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
DB 61 FFCVMEFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFYYLYGMIVLVSS 144
DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 134
US-10-230-438-120
; Sequence 120, Application US/10230438
; Publication No. US20030100737A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C84
; CURRENT APPLICATION NUMBER: US/10/230,438
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294

```

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/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 246
/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-230-438-120

Query Match
Best Local Similarity 100.0%; Score 784; DB 14; Length 144;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 135
US-10-232-222-120
/ Sequence 120, Application US/102322222
/ Publication No. US20030100736A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin L.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3530PIC114
/ CURRENT APPLICATION NUMBER: US/10/232,222
/ CURRENT FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-10-31
/ PRIOR APPLICATION NUMBER: 60/069873
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 246
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/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-232-222-120

Query Match
Best Local Similarity 100.0%; Score 784; DB 14; Length 144;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 136
US-10-166-709A-322
/ Sequence 322, Application US/10166709A
/ Publication No. US20030104536A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC59
/ CURRENT APPLICATION NUMBER: US/10/166,709A
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/054249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/055311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
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6	PRIOR APPLICATION NUMBER: 60/082568	
7	PRIOR FILING DATE: 1998-04-21	
8	PRIOR APPLICATION NUMBER: 60/082569	
9	PRIOR FILING DATE: 1998-04-21	
10	PRIOR APPLICATION NUMBER: 60/082704	
11	PRIOR FILING DATE: 1998-04-22	
12	PRIOR APPLICATION NUMBER: 60/082804	
13	PRIOR FILING DATE: 1998-04-22	
14	PRIOR APPLICATION NUMBER: 60/082700	
15	PRIOR FILING DATE: 1998-04-22	
16	PRIOR APPLICATION NUMBER: 60/082797	
17	PRIOR FILING DATE: 1998-04-22	
18	PRIOR APPLICATION NUMBER: 60/082796	
19	PRIOR FILING DATE: 1998-04-23	
20	PRIOR APPLICATION NUMBER: 60/083336	
21	PRIOR FILING DATE: 1998-04-27	
22	PRIOR APPLICATION NUMBER: 60/083322	
23	PRIOR FILING DATE: 1998-04-28	
24	PRIOR APPLICATION NUMBER: 60/083392	
25	PRIOR FILING DATE: 1998-04-29	
26	PRIOR APPLICATION NUMBER: 60/083495	
27	PRIOR FILING DATE: 1998-04-29	
28	PRIOR APPLICATION NUMBER: 60/083496	
29	PRIOR FILING DATE: 1998-04-29	
30	PRIOR APPLICATION NUMBER: 60/083499	
31	PRIOR FILING DATE: 1998-04-29	
32	PRIOR APPLICATION NUMBER: 60/083545	
33	PRIOR FILING DATE: 1998-04-29	
34	PRIOR APPLICATION NUMBER: 60/083554	
35	PRIOR FILING DATE: 1998-04-29	
36	PRIOR APPLICATION NUMBER: 60/083558	
37	PRIOR FILING DATE: 1998-04-29	
38	PRIOR APPLICATION NUMBER: 60/083559	
39	PRIOR FILING DATE: 1998-04-29	
40	PRIOR APPLICATION NUMBER: 60/083500	
41	PRIOR FILING DATE: 1998-04-29	
42	PRIOR APPLICATION NUMBER: 60/083742	
43	PRIOR FILING DATE: 1998-04-30	
44	PRIOR APPLICATION NUMBER: 60/084366	
45	PRIOR FILING DATE: 1998-05-05	
46	PRIOR APPLICATION NUMBER: 60/084414	
47	PRIOR FILING DATE: 1998-05-06	
48	PRIOR APPLICATION NUMBER: 60/084441	
49	PRIOR FILING DATE: 1998-05-06	
50	PRIOR APPLICATION NUMBER: 60/084637	
51	PRIOR FILING DATE: 1998-05-07	
52	PRIOR APPLICATION NUMBER: 60/084639	
53	PRIOR FILING DATE: 1998-05-07	
54	PRIOR APPLICATION NUMBER: 60/084640	
55	PRIOR FILING DATE: 1998-05-07	
56	PRIOR APPLICATION NUMBER: 60/084598	
57	PRIOR FILING DATE: 1998-05-07	
58	PRIOR APPLICATION NUMBER: 60/084600	
59	PRIOR FILING DATE: 1998-05-07	
60	PRIOR APPLICATION NUMBER: 60/084627	
61	PRIOR FILING DATE: 1998-05-07	
62	PRIOR APPLICATION NUMBER: 60/084643	
63	PRIOR FILING DATE: 1998-05-07	
64	PRIOR APPLICATION NUMBER: 60/085339	
65	PRIOR FILING DATE: 1998-05-13	
66	PRIOR APPLICATION NUMBER: 60/085338	
67	PRIOR FILING DATE: 1998-05-13	
68	PRIOR APPLICATION NUMBER: 60/085323	
69	PRIOR FILING DATE: 1998-05-13	
70	PRIOR APPLICATION NUMBER: 60/085582	
71	PRIOR FILING DATE: 1998-05-15	
72	PRIOR APPLICATION NUMBER: 60/085700	
73	PRIOR FILING DATE: 1998-05-15	
74	PRIOR APPLICATION NUMBER: 60/085689	
75	PRIOR FILING DATE: 1998-05-15	
76	PRIOR APPLICATION NUMBER: 60/085579	
77	PRIOR FILING DATE: 1998-05-15	
78	PRIOR APPLICATION NUMBER: 60/085580	

; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5,8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
QY 61 FFCVWFLCAAEWLTGLNMPLELAIYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLELAIYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFFYLAFYLYGMIYVLVSS 144  
Db 121 CKLAFFYLAFYLYGMIYVLVSS 144

## RESULT 137

US-10-223-084-2  
; Sequence 2, Application US/10223084  
; Publication No. US20030105011A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Marsters, Scot A.  
; APPLICANT: Pan, James  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P.Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P235P1C5  
; CURRENT APPLICATION NUMBER: US/10/223,084  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 10/081,056  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/213,637  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: US 09/643,657  
; PRIOR FILING DATE: 2000-08-17  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 2  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-088-2

; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-084-2

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5,8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
QY 61 FFCVWFLCAAEWLTGLNMPLELAIYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLELAIYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFFYLAFYLYGMIYVLVSS 144  
Db 121 CKLAFFYLAFYLYGMIYVLVSS 144

## RESULT 138

US-10-223-088-2  
; Sequence 2, Application US/10223088  
; Publication No. US20030105012A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Marsters, Scot A.  
; APPLICANT: Pan, James  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P.Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P235P1C6  
; CURRENT APPLICATION NUMBER: US/10/223,088  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 10/081,056  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/213,637  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: US 09/643,657  
; PRIOR FILING DATE: 2000-08-17  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 2  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-088-2

	Query Match	100.0%	Score 784	DB 14	Length 144	
	Best Local Similarity	100.0%	Prod. No. 5.8e-78			
	Matches 144	Conservative 0	Mismatches 0	Indels 0	Gaps 0	
QY	1	MAFTFAAFCYMLALILLTAALIFFFAIWHIIAIDELKTDYKNPIDQCNTLNPIVLPEYLTHA	60			
Db	1	MAFTFAAFCYMLALILLTAALIFFFAIWHIIAIDELKTDYKNPIDQCNTLNPIVLPEYLTHA	60			
QY	61	FFCYWVFCAAEWLTGLGNMNPILAVHIWRYMGRPVMSGGLGYDPTTIMNADIIAYCQKGGW	120			
Db	61	FFCYWVFCAAEWLTGLGNMNPILAVHIWRYMGRPVMSGGLGYDPTTIMNADIIAYCQKGGW	120			
QY	121	CKLAFYLLAFYYLYGMTIYVLVSS	144			
Db	121	CKLAFYLLAFYYLYGMTIYVLVSS	144			

RESULT 139  
US-10-223-090-2  
; Sequence 2, Application US/10223090  
; Publication No. US20030105013A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerriitsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Marsters, Scot A.  
; APPLICANT: Pan, James  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P.Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P3235P1C2  
; CURRENT APPLICATION NUMBER: US/10/223,090  
; CURRENT FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 10/081,056  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/213,637  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: US 09/643,657  
; PRIOR FILING DATE: 2000-08-17  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; PRIOR FILING DATE: 2000-08-24  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 2  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-090-2

Query Match	100.0%	Score 784;	DB 14;	Length 144;
Best Local Similarity	100.0%	Pred. No. 5.8e-78;		

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Qy	1	MAFTFAAF	CYMLALLT	TAALIF	FAIWHI	IAFDEL	KTDYK	NPIDQC	TNLTNP	VLVPEYL	HA 60
Db	1	MAFTFAAF	CYMLALLT	TAALIF	FAIWHI	IAFDEL	KTDYK	NPIDQC	TNLTNP	VLVPEYL	HA 60
Qy	61	FFCWMLF	CAAEWLT	GLGNM	ELLAYH	WRYMSR	PVMSGP	GLYD	PTTINN	ADILAYCQ	KEGW 120
Db	61	FFCWMLF	CAAEWLT	GLGNM	ELLAYH	WRYMSR	PVMSGP	GLYD	PTTINN	ADILAYCQ	KEGW 120
Qy	121	CKLAFYLL	AFYYLY	NGMYV	LVNS	144					
Db	121	CKLAFYLL	AFYYLY	NGMYV	LVNS	144					

RESULT 140  
US-10-219-070-120  
; Sequence 120, Application US/10213070  
; Publication No. US20030105288A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3530P1C42

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, CURRENT APPLICATION NUMBER: US10/219,070
, CURRENT FILING DATE: 2002-08-13
, PRIOR APPLICATION NUMBER: 10/119,480
, PRIOR FILING DATE: 2002-04-09
, PRIOR APPLICATION NUMBER: 60/059113
, PRIOR FILING DATE: 1997-09-17
, PRIOR APPLICATION NUMBER: 60/062287
, PRIOR FILING DATE: 1997-10-17
, PRIOR APPLICATION NUMBER: 60/063549
, PRIOR FILING DATE: 1997-10-28
, PRIOR APPLICATION NUMBER: 60/064103
, PRIOR FILING DATE: 1997-10-31
, PRIOR APPLICATION NUMBER: 60/069873
, PRIOR FILING DATE: 1997-12-17
, PRIOR APPLICATION NUMBER: 60/078910
, PRIOR FILING DATE: 1998-03-20
, PRIOR APPLICATION NUMBER: 60/079294
, PRIOR FILING DATE: 1998-03-25
, PRIOR APPLICATION NUMBER: 60/079656
, PRIOR FILING DATE: 1998-03-26
, PRIOR APPLICATION NUMBER: 60/079728
, PRIOR FILING DATE: 1998-03-27
, Remaining Prior Application data removed - See File Wrapper or PALM.
, NUMBER OF SEQ ID NOS: 246
, SEQ ID NO 120
, LENGTH: 144
, TYPE: PRT
, ORGANISM: Homo Sapien
, US-10-219-070-120

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	Query Match	100.0%	Score 784;	DB 14;	Length 144;
	Best Local Similarity	100.0%	Pred. No. 5.8e-78;		
	Matches 144;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MAETFAAFCYMLALLTAALFFFAIMHIIAFDELKTYKNPIDQCNTINPLVLPYLIHA	60		
DB	1	MAETFAAFCYMLALLTAALFFFAIMHIIAFDELKTYKNPIDQCNTINPLVLPYLIHA	60		
QY	61	FFCYMFLCAAEWLITGLNMPLLAYHIWKYNSRPVMSGFLGYDPTTIWNADILAYCQEGW	120		

Db 61 FFCVFLCAEWLTGLNMLLAYHIWYMSRPMVSGGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 141  
US-10-219-472-120  
; Sequence 120, Application US/10219472  
; Publication No. US20030105289A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC25  
; CURRENT APPLICATION NUMBER: US/10/219,472  
; CURRENT FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-472-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
QY 61 FFCVFLCAEWLTGLNMLLAYHIWYMSRPMVSGGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVFLCAEWLTGLNMLLAYHIWYMSRPMVSGGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 142  
US-10-219-527-120  
; Sequence 120, Application US/10219527  
; Publication No. US20030105290A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC23  
; CURRENT APPLICATION NUMBER: US/10/219,527  
; CURRENT FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-527-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
QY 61 FFCVFLCAEWLTGLNMLLAYHIWYMSRPMVSGGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVFLCAEWLTGLNMLLAYHIWYMSRPMVSGGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 143  
US-10-227-877-120  
; Sequence 120, Application US/10227877  
; Publication No. US20030105291A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.

APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3530P1C75  
CURRENT APPLICATION NUMBER: US/10/227,877  
CURRENT FILING DATE: 2002-08-26  
PRIOR APPLICATION NUMBER: 10/113,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
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PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
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PRIOR FILING DATE: 1998-09-24  
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PRIOR FILING DATE: 1998-11-17  
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PRIOR FILING DATE: 1999-01-12  
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;; PRIOR FILING DATE: 1999-03-10  
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;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131445  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 60/134287  
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;; PRIOR FILING DATE: 1999-06-22  
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;; PRIOR FILING DATE: 1999-06-22  
;; PRIOR APPLICATION NUMBER: 60/141037  
;; PRIOR FILING DATE: 1999-06-23  
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;; PRIOR FILING DATE: 1999-07-20  
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;; PRIOR FILING DATE: 1999-07-28  
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;; PRIOR APPLICATION NUMBER: 60/166361  
;; PRIOR FILING DATE: 1999-11-16  
;; PRIOR APPLICATION NUMBER: 60/169445  
;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169495  
;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKPNIDOCNTLNPLVPEYLIIHA 60  
Db 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKPNIDOCNTLNPLVPEYLIIHA 60  
  
Qy 61 FFCVMFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGFGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGFGLYDPTTINMADILAYCQKEGW 120  
  
Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

## RESULT 144

US-10-223-087-2  
; Sequence 2, Application US/10223087  
; Publication No. US20030109438A1  
; GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Marsters, Scot A.  
;; APPLICANT: Pan, James  
;; APPLICANT: Stephan, Jean-Philippe F.  
;; APPLICANT: Watanabe, Colin K.  
;; APPLICANT: Wood, William I.  
;; APPLICANT: Williams, P.Mickey  
;; APPLICANT: Ye, Weilan  
;; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
;; FILE REFERENCE: P3235PIC4  
;; CURRENT APPLICATION NUMBER: US/10/223,087  
;; CURRENT FILING DATE: 2002-08-16  
;; PRIOR APPLICATION NUMBER: US 10/081,056  
;; PRIOR FILING DATE: 2002-02-20  
;; PRIOR APPLICATION NUMBER: US 60/213,637  
;; PRIOR FILING DATE: 2000-06-23  
;; PRIOR APPLICATION NUMBER: US 60/219,556  
;; PRIOR FILING DATE: 2000-07-20  
;; PRIOR APPLICATION NUMBER: US 60/220,624  
;; PRIOR FILING DATE: 2000-07-25  
;; PRIOR APPLICATION NUMBER: US 60/220,664  
;; PRIOR FILING DATE: 2000-07-25  
;; PRIOR APPLICATION NUMBER: PCT/US00/20710  
;; PRIOR FILING DATE: 2000-07-28  
;; PRIOR APPLICATION NUMBER: US 60/222,695  
;; PRIOR FILING DATE: 2000-08-02  
;; PRIOR APPLICATION NUMBER: US 09/643,657  
;; PRIOR FILING DATE: 2000-08-17  
;; PRIOR APPLICATION NUMBER: PCT/US00/23522  
;; PRIOR FILING DATE: 2000-08-23  
;; PRIOR APPLICATION NUMBER: PCT/US00/23328  
;; PRIOR FILING DATE: 2000-08-24  
;; PRIOR APPLICATION NUMBER: US 60/230,978  
;; PRIOR FILING DATE: 2000-09-07  
;; PRIOR APPLICATION NUMBER: US 60/232,887  
;; PRIOR FILING DATE: 2000-09-15  
;; PRIOR APPLICATION NUMBER: US 09/664,610  
;; PRIOR FILING DATE: 2000-09-18  
;; PRIOR APPLICATION NUMBER: US 09/665,350  
;; PRIOR FILING DATE: 2000-09-18  
;; PRIOR APPLICATION NUMBER: US 60/242,922  
;; PRIOR FILING DATE: 2000-10-24  
;; PRIOR APPLICATION NUMBER: US 09/709,238  
;; PRIOR FILING DATE: 2000-11-08  
;; PRIOR APPLICATION NUMBER: PCT/US00/30952  
;; PRIOR FILING DATE: 2000-11-08  
;; PRIOR APPLICATION NUMBER: PCT/US00/30873  
;; PRIOR FILING DATE: 2000-11-10  
;; PRIOR APPLICATION NUMBER: PCT/US00/32678  
;; PRIOR FILING DATE: 2000-12-01  
;; PRIOR APPLICATION NUMBER: US 09/747,259  
;; PRIOR FILING DATE: 2000-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/34956  
;; PRIOR FILING DATE: 2000-12-20  
;; PRIOR APPLICATION NUMBER: US 09/767,609  
;; PRIOR FILING DATE: 2001-01-22  
;; PRIOR APPLICATION NUMBER: US 09/796,498  
;; PRIOR FILING DATE: 2001-02-28  
;; PRIOR APPLICATION NUMBER: PCT/US01/06520  
;; PRIOR FILING DATE: 2001-02-28  
;; PRIOR APPLICATION NUMBER: PCT/US01/06666  
;; PRIOR FILING DATE: 2001-03-01  
;; PRIOR APPLICATION NUMBER: US 09/802,706  
;; PRIOR FILING DATE: 2001-03-09  
;; PRIOR APPLICATION NUMBER: US 09/808,689



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; FILE REFERENCE: P3235PIC8
; CURRENT APPLICATION NUMBER: US/10/223,083
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 05/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-083-2

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60

Qy 61 FFCVNFCAEWLTGLNMPELLAYHIWYMRSPVMSGFLYDPTTMNADILAYCOKEGW 120
Db 61 FFCVNFCAEWLTGLNMPELLAYHIWYMRSPVMSGFLYDPTTMNADILAYCOKEGW 120

Qy 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 146
US-10-216-166-120
; Sequence 120, Application US/10216166
; Publication No. US20030120040A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC9
; CURRENT APPLICATION NUMBER: US/10/216,166
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
```

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; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-216-166-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPVLIHA 60
DB 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPVLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 147
US-10-218-612-120
; Sequence 120, Application US/10218612
; Publication No. US20030120041A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P35301C21
; CURRENT APPLICATION NUMBER: US/10/218,612
; PRIOR FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
```

```
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-612-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPVLIHA 60
DB 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPVLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 148
US-10-223-089-2
; Sequence 2, Application US/10223089
; Publication No. US20030129521A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235P1C9
; CURRENT APPLICATION NUMBER: US/10/223,089
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: FCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
```

```
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-089-2

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60
   |||||||
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60

QY 61 FFCVNFCAEAWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
   |||||||
Db 61 FFCVNFCAEAWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 149
US-10-143-031A-322
; Sequence 322, Application US/10143031A
; Publication No. US20030138439A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC39
; CURRENT APPLICATION NUMBER: US/10/143,031A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-031A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60
   |||||||
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60

QY 61 FFCVNFCAEAWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
   |||||||
Db 61 FFCVNFCAEAWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 150
US-10-143-030A-322
; Sequence 322, Application US/10143030A
; Publication No. US20030147901A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2630P1C33  
;; CURRENT APPLICATION NUMBER: US/10/143.030A  
;; CURRENT FILING DATE: 2002-08-27  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 624  
;; SEQ ID NO 322  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-143-030A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAACVYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
DB 1 MAFTFAACVYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
  
QY 61 FFCVWFLCAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVWFLCAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 151  
US-10-002-967A-322  
; Sequence 322, Application US/10002967A  
; Publication No. US20030148373A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.

;; APPLICANT: Pan, James;  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: ROY, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2630P1C72  
;; CURRENT APPLICATION NUMBER: US/10/002.967A  
;; CURRENT FILING DATE: 2001-10-24  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; PRIOR APPLICATION NUMBER: 60/078004  
;; PRIOR FILING DATE: 1998-03-13  
;; PRIOR APPLICATION NUMBER: 60/078886  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078936  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079664  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079689  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079663  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079786  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079920  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/079923  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/080105  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080107  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080165  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080194  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080327  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080328  
;; PRIOR FILING DATE: 1998-04-01

;; PRIOR APPLICATION NUMBER: 60/080333  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080334  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/081070  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081049  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAPLFFAIWHIIAFDELKTKYKPIDQNTLNPLVPEYLHA 60  
DB 1 MAFTFAFCYMLALLTAPLFFAIWHIIAFDELKTKYKPIDQNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAEAWLTGLNMFLLAYHINRYMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVMFLCAEAWLTGLNMFLLAYHINRYMSRPVMSGGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMYLVSS 144  
DB 121 CKLAFYLLAFFYLYGMYLVSS 144

RESULT 152  
US-10-017-083A-322  
; Sequence 322, Application US/10017083A  
; Publication No. US20030148376A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.

```
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC67
; CURRENT FILING DATE: 2001-10-24
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-083A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
Db 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
QY 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 153
US-10-216-163-120
; Sequence 120, Application US/10216163
; Publication No. US20030149239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2530PIC3
; CURRENT APPLICATION NUMBER: US/10/216,163
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-216-163-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
Db 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
QY 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 154
US-10-145-128A-322
; Sequence 322, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC46
; CURRENT APPLICATION NUMBER: US/10/145,128A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC62
; CURRENT APPLICATION NUMBER: US/10/017.191A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAAITFAFWHIAFDELTKYKPNIDQNTLNPLVLPYLIHA 60
DB 1 MAFTFAACVYMLALLTAAITFAFWHIAFDELTKYKPNIDQNTLNPLVLPYLIHA 60

QY 61 PFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120
DB 61 PFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 155
US-10-017-191A-322
; Sequence 322, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
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;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697  
Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIFAFDELKTDYKNPIDQCNTPNPLVPEVLIHA 60  
DB 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIFAFDELKTDYKNPIDQCNTPNPLVPEVLIHA 60  
QY 61 FFCVMPFCAAEWLTGLNMPFLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
DB 61 FFCVMPFCAAEWLTGLNMPFLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMYIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMYIVLVSS 144

## RESULT 156

US-10-113-872-327  
; Sequence 327, Application US/10113872  
; Publication No. US20030170255A1  
; GENERAL INFORMATION:  
; APPLICANT: Watanabe, Yoshihiro  
; APPLICANT: Henderson, Robert A.  
; APPLICANT: Kalos, Michael D.  
; APPLICANT: Sleath, Paul R.  
; APPLICANT: Vedwick, Thomas S.  
; APPLICANT: Carter, Darrick  
; APPLICANT: Fanger, Gary R.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
; FILE REFERENCE: 210121.478C19  
; CURRENT APPLICATION NUMBER: US/10/113,872  
; CURRENT FILING DATE: 2002-03-28  
; NUMBER OF SEQ ID NOS: 2011  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 327  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-113-872-327

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIFAFDELKTDYKNPIDQCNTPNPLVPEVLIHA 60  
DB 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIFAFDELKTDYKNPIDQCNTPNPLVPEVLIHA 60



Db 1 MAFTFAAFCYMLALLTAALIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
 QY 61 FFCVNFCLCAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120  
 Db 61 FFCVNFCLCAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 157

US-10-143-028A-322  
 ; Sequence 322, Application US/10143028A  
 ; Publication No. US20030180310A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630PIC37  
 ; CURRENT APPLICATION NUMBER: US/10/143,028A  
 ; PRIOR FILING DATE: 2001-10-19  
 ; PRIOR FILING DATE: 2001-07-30  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR FILING DATE: 1997-11-03  
 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR FILING DATE: 1997-11-21  
 ; PRIOR FILING DATE: 1998-03-10  
 ; PRIOR FILING DATE: 1998-03-11  
 ; PRIOR FILING DATE: 1998-03-12  
 ; NUMBER OF SEQ ID NOS: 624  
 ; SEQ ID NO 322  
 ; LENGTH: 144  
 ; TYPE: PRT

; ORGANISM: Homo sapiens  
 US-10-143-028A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
 Db 1 MAFTFAAFCYMLALLTAALIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
 QY 61 FFCVNFCLCAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120  
 Db 61 FFCVNFCLCAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 158

US-10-143-029A-322  
 ; Sequence 322, Application US/10143029A  
 ; Publication No. US20030180311A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630PIC54  
 ; CURRENT APPLICATION NUMBER: US/10/143,029A  
 ; PRIOR FILING DATE: 2001-10-19  
 ; PRIOR FILING DATE: 2001-07-30  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR FILING DATE: 1997-11-03  
 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR FILING DATE: 1997-11-21  
 ; PRIOR FILING DATE: 1998-03-10  
 ; PRIOR FILING DATE: 1998-03-11  
 ; PRIOR FILING DATE: 1998-03-12  
 ; PRIOR FILING DATE: 1998-03-11

1	PRIOR FILING DATE: 1998-04-21	
2	PRIOR APPLICATION NUMBER: 60/082704	
3	PRIOR FILING DATE: 1998-04-22	
4	PRIOR APPLICATION NUMBER: 60/082804	
5	PRIOR FILING DATE: 1998-04-22	
6	PRIOR APPLICATION NUMBER: 60/082700	
7	PRIOR FILING DATE: 1998-04-22	
8	PRIOR APPLICATION NUMBER: 60/082797	
9	PRIOR FILING DATE: 1998-04-22	
10	PRIOR APPLICATION NUMBER: 60/082796	
11	PRIOR FILING DATE: 1998-04-23	
12	PRIOR APPLICATION NUMBER: 60/083336	
13	PRIOR FILING DATE: 1998-04-27	
14	PRIOR APPLICATION NUMBER: 60/083322	
15	PRIOR FILING DATE: 1998-04-28	
16	PRIOR APPLICATION NUMBER: 60/083392	
17	PRIOR FILING DATE: 1998-04-29	
18	PRIOR APPLICATION NUMBER: 60/083495	
19	PRIOR FILING DATE: 1998-04-29	
20	PRIOR APPLICATION NUMBER: 60/083496	
21	PRIOR FILING DATE: 1998-04-29	
22	PRIOR APPLICATION NUMBER: 60/083499	
23	PRIOR FILING DATE: 1998-04-29	
24	PRIOR APPLICATION NUMBER: 60/083545	
25	PRIOR FILING DATE: 1998-04-29	
26	PRIOR APPLICATION NUMBER: 60/083554	
27	PRIOR FILING DATE: 1998-04-29	
28	PRIOR APPLICATION NUMBER: 60/083558	
29	PRIOR FILING DATE: 1998-04-29	
30	PRIOR APPLICATION NUMBER: 60/083559	
31	PRIOR FILING DATE: 1998-04-29	
32	PRIOR APPLICATION NUMBER: 60/083500	
33	PRIOR FILING DATE: 1998-04-29	
34	PRIOR APPLICATION NUMBER: 60/083742	
35	PRIOR FILING DATE: 1998-04-30	
36	PRIOR APPLICATION NUMBER: 60/084366	
37	PRIOR FILING DATE: 1998-05-05	
38	PRIOR APPLICATION NUMBER: 60/084414	
39	PRIOR FILING DATE: 1998-05-06	
40	PRIOR APPLICATION NUMBER: 60/084441	
41	PRIOR FILING DATE: 1998-05-06	
42	PRIOR APPLICATION NUMBER: 60/084637	
43	PRIOR FILING DATE: 1998-05-07	
44	PRIOR APPLICATION NUMBER: 60/084639	
45	PRIOR FILING DATE: 1998-05-07	
46	PRIOR APPLICATION NUMBER: 60/084640	
47	PRIOR FILING DATE: 1998-05-07	
48	PRIOR APPLICATION NUMBER: 60/084598	
49	PRIOR FILING DATE: 1998-05-07	
50	PRIOR APPLICATION NUMBER: 60/084600	
51	PRIOR FILING DATE: 1998-05-07	
52	PRIOR APPLICATION NUMBER: 60/085338	
53	PRIOR FILING DATE: 1998-05-13	
54	PRIOR APPLICATION NUMBER: 60/085323	
55	PRIOR FILING DATE: 1998-05-13	
56	PRIOR APPLICATION NUMBER: 60/085582	
57	PRIOR FILING DATE: 1998-05-15	
58	PRIOR APPLICATION NUMBER: 60/085700	
59	PRIOR FILING DATE: 1998-05-15	
60	PRIOR APPLICATION NUMBER: 60/085689	
61	PRIOR FILING DATE: 1998-05-15	
62	PRIOR APPLICATION NUMBER: 60/085579	
63	PRIOR FILING DATE: 1998-05-15	
64	PRIOR APPLICATION NUMBER: 60/085580	
65	PRIOR FILING DATE: 1998-05-15	
66	PRIOR APPLICATION NUMBER: 60/085573	
67	PRIOR FILING DATE: 1998-05-15	

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; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
QY 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLGYDPTTMMADILAYCQKGG 120
Db 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLGYDPTTMMADILAYCQKGG 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 159
US-10-145-089A-322
; Sequence 322, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C31
; CURRENT APPLICATION NUMBER: US/10/145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
```

```
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-089A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
QY 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLGYDPTTMMADILAYCQKGG 120
Db 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLGYDPTTMMADILAYCQKGG 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 160
US-10-165-067A-322
; Sequence 322, Application US/10165067A
; Publication No. US20030185841A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C42
; CURRENT APPLICATION NUMBER: US/10/165,067A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
```

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; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-067A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPFVMSGPGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPFVMSGPGLYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAPFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAPFFYLYGMIYVLVSS 144

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RESULT 161
US-10-145-017A-322
; Sequence 322, Application US/10145017A
; Publication No. US20030186365A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same

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; FILE REFERENCE: P2630PIC32
; CURRENT APPLICATION NUMBER: US/10/145,017A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-017A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPFVMSGPGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPFVMSGPGLYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAPFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAPFFYLYGMIYVLVSS 144

RESULT 162
US-10-164-728A-322
; Sequence 322, Application US/10164728A
; Publication No. US20030186368A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;

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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C43
; CURRENT APPLICATION NUMBER: US/10/164,728A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-728A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALLTAAIFFAIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60
DB 1 MAFTFAACYMLALLTAAIFFAIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60
QY 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMYIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMYIVLVSS 144

RESULT 163
US-10-223-081-2
; Sequence 2, Application US/10223081
; Publication No. US2003018666A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.

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; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P335P1C7
; CURRENT APPLICATION NUMBER: US/10/223,081
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/543,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-081-2

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALLTAAIFFAIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60
DB 1 MAFTFAACYMLALLTAAIFFAIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60
QY 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMYIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMYIVLVSS 144

RESULT 164
US-10-218-765-120
; Sequence 120, Application US/10218765
; Publication No. US20030187201A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C19

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;; CURRENT APPLICATION NUMBER: US/10/218,765  
;; CURRENT FILING DATE: 2002-08-12  
;; PRIOR APPLICATION NUMBER: 10/119,480  
;; PRIOR FILING DATE: 2002-04-09  
;; PRIOR APPLICATION NUMBER: 60/059113  
;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/062287  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/063549  
;; PRIOR FILING DATE: 1997-10-28  
;; PRIOR APPLICATION NUMBER: 60/064103  
;; PRIOR FILING DATE: 1997-10-31  
;; PRIOR APPLICATION NUMBER: 60/069873  
;; PRIOR FILING DATE: 1997-12-17  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/086392  
;; PRIOR FILING DATE: 1998-05-22  
;; PRIOR APPLICATION NUMBER: 60/089532  
;; PRIOR FILING DATE: 1998-06-17  
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;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089905  
;; PRIOR FILING DATE: 1998-06-18  
;; PRIOR APPLICATION NUMBER: 60/090472  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090557  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090691  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/090695  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/091982  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/095302  
;; PRIOR FILING DATE: 1998-08-04  
;; PRIOR APPLICATION NUMBER: 60/095318  
;; PRIOR FILING DATE: 1998-08-04  
;; PRIOR APPLICATION NUMBER: 60/095916  
;; PRIOR FILING DATE: 1998-08-10  
;; PRIOR APPLICATION NUMBER: 60/096146  
;; PRIOR FILING DATE: 1998-08-11  
;; PRIOR APPLICATION NUMBER: 60/096791  
;; PRIOR FILING DATE: 1998-08-17  
;; PRIOR APPLICATION NUMBER: 60/097986  
;; PRIOR FILING DATE: 1998-08-26  
;; PRIOR APPLICATION NUMBER: 60/098544  
;; PRIOR FILING DATE: 1998-08-31  
;; PRIOR APPLICATION NUMBER: 60/099596  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099598  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099803  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099811  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099812  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099816  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/100038  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/100385  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100390  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100627  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100848  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/100919  
;; PRIOR FILING DATE: 1998-09-17  
;; PRIOR APPLICATION NUMBER: 60/101477  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101738  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101741  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101786  
;; PRIOR FILING DATE: 1998-09-25  
;; PRIOR APPLICATION NUMBER: 60/101916  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101922  
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;; PRIOR APPLICATION NUMBER: 60/106178  
;; PRIOR FILING DATE: 1998-10-28  
;; PRIOR APPLICATION NUMBER: 60/106248  
;; PRIOR FILING DATE: 1998-10-29  
;; PRIOR APPLICATION NUMBER: 60/106464  
;; PRIOR FILING DATE: 1998-10-30  
;; PRIOR APPLICATION NUMBER: 60/106905  
;; PRIOR FILING DATE: 1998-11-03  
;; PRIOR APPLICATION NUMBER: 60/108787  
;; PRIOR FILING DATE: 1998-11-17  
;; PRIOR APPLICATION NUMBER: 60/108801  
;; PRIOR FILING DATE: 1998-11-17  
;; PRIOR APPLICATION NUMBER: 60/108849  
;; PRIOR FILING DATE: 1998-11-18  
;; PRIOR APPLICATION NUMBER: 60/112422  
;; PRIOR FILING DATE: 1998-12-15  
;; PRIOR APPLICATION NUMBER: 60/113296  
;; PRIOR FILING DATE: 1998-12-22  
;; PRIOR APPLICATION NUMBER: 60/113605  
;; PRIOR FILING DATE: 1998-12-23  
;; PRIOR APPLICATION NUMBER: 60/113621  
;; PRIOR FILING DATE: 1998-12-23  
;; PRIOR APPLICATION NUMBER: 60/115558  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/115565  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/115733  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/119549  
;; PRIOR FILING DATE: 1999-02-10  
;; PRIOR APPLICATION NUMBER: 60/123618  
;; PRIOR FILING DATE: 1999-03-10  
;; PRIOR APPLICATION NUMBER: 60/125259  
;; PRIOR FILING DATE: 1999-03-19  
;; PRIOR APPLICATION NUMBER: 60/125775  
;; PRIOR FILING DATE: 1999-03-23  
;; PRIOR APPLICATION NUMBER: 60/126773  
;; PRIOR FILING DATE: 1999-03-29  
;; PRIOR APPLICATION NUMBER: 60/127887  
;; PRIOR FILING DATE: 1999-04-05  
;; PRIOR APPLICATION NUMBER: 60/130232  
;; PRIOR FILING DATE: 1999-04-21  
;; PRIOR APPLICATION NUMBER: 60/131022  
;; PRIOR FILING DATE: 1999-04-26

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; FILE REFERENCE: P3530PIC24
; CURRENT APPLICATION NUMBER: US/10/219,063
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAAFVCMALLLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MATFAAFVCMALLLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMYVLVSS 144

RESULT 165
US-10-219-063-120
; Sequence 120, Application US/10219063
; Publication No. US20030187202A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC27
; CURRENT APPLICATION NUMBER: US/10/219,066
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
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```

; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-219-067-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 MAFTFAACVYMLALLTPAALIFFFAIWHIIAFDEKTYKXPIDQNTLNPLVLPYLIHA 60
Db 1 MAFTFAACVYMLALLTPAALIFFFAIWHIIAFDEKTYKXPIDQNTLNPLVLPYLIHA 60
QY 61 FFCVMFCAAEWLTGLNMLLAVHIWYMSRPVWSGGLYDPTTINMADILAYCQKSGW 120
Db 61 FFCVMFCAAEWLTGLNMLLAVHIWYMSRPVWSGGLYDPTTINMADILAYCQKSGW 120
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 168
US-10-219-068-120
; Sequence 120, Application US/10219068
; Publication No. US20030187205A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C31
; CURRENT APPLICATION NUMBER: US/10/219,068
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26

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QY	1	MAFTFAAC	YMLALLL	TAALFF	FAIWHII	FADEK	TDYK	NPIDOC	NTIN	PLVLPE	VLHA	60
Db	1	MAFTFAAC	YMLALLL	TAALFF	FAIWHII	FADEK	TDYK	NPIDOC	NTIN	PLVLPE	VLHA	60
QY	61	FFCVN	FLCAAE	WLTIG	LNNPL	LA	YHIM	YRPM	S	PGFGLY	DETTIN	120
Db	61	FFCVN	FLCAAE	WLTIG	LNNPL	LA	YHIM	YRPM	S	PGFGLY	DETTIN	120
QY	121	CKLAF	YLLA	FFYYLY	GMIV	VL	VS	144				
Db	121	CKLAF	YLLA	FFYYLY	GMIV	VL	VS	144				

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RESULT 171
US-10-219-475-120
; Sequence 120, Application US/10219475
; Publication No. US20030187208A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watarabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P5530P1C49
; CURRENT APPLICATION NUMBER: US/10/219,475
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 245
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-475-120

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QY	121	CKLAFYLLAFFYLYGMIYLVSS	144
Db	121	CKLAFYLLAFFYLYGMIYLVSS	144
RESULT 172			
US-10-219-480-120			
; Sequence 120, Application US/10219480			
; Publication No. US20030187209A1			
; GENERAL INFORMATION:			
; APPLICANT: Baker, Kevin P.			
; APPLICANT: Desnoyers, Luc			
; APPLICANT: Gerritsen, Mary			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, J. Christopher			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Smith, Victoria			
; APPLICANT: Stephan, Jean-Philippe F.			
; APPLICANT: Watanabe, Colin L.			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: SECRETED AND TRANSM			
; TITLE OF INVENTION: ACIDS ENCODING THE			
; FILE REFERENCE: P3530P1C38			
; CURRENT APPLICATION NUMBER: US/10/219,4			
; CURRENT FILING DATE: 2002-08-13			
; PRIOR APPLICATION NUMBER: 10/119,480			
; PRIOR FILING DATE: 2002-04-09			
; PRIOR APPLICATION NUMBER: 60/059113			
; PRIOR FILING DATE: 1997-09-17			
; PRIOR APPLICATION NUMBER: 60/062287			
; PRIOR FILING DATE: 1997-10-17			
; PRIOR APPLICATION NUMBER: 60/053549			
; PRIOR FILING DATE: 1997-10-28			
; PRIOR APPLICATION NUMBER: 60/064103			
; PRIOR FILING DATE: 1997-10-31			
; PRIOR APPLICATION NUMBER: 60/069873			
; PRIOR FILING DATE: 1997-12-17			
; PRIOR APPLICATION NUMBER: 60/078910			
; PRIOR FILING DATE: 1998-03-20			
; PRIOR APPLICATION NUMBER: 60/079294			
; PRIOR FILING DATE: 1998-03-25			
; PRIOR APPLICATION NUMBER: 60/079656			
; PRIOR FILING DATE: 1998-03-26			
; PRIOR APPLICATION NUMBER: 60/079728			
; PRIOR FILING DATE: 1998-03-27			
; Remaining Prior Application data remove			
; NUMBER OF SEQ ID NOS: 246			
; SEQ ID NO 120			
; LENGTH: 144			
; TYPE: PRT			
; ORGANISM: Homo Sapien			
US-10-219-480-120			
Query Match 100.0%; Score 7			
Best Local Similarity 100.0%; Pred. N			
Matches 144; Conservative 0; Misma			
QY	1	MAFTFAFCYMLALLTAAALFFFAIWH	
Db	1	MAFTFAFCYMLALLTAAALFFFAIWH	
QY	61	FFCWYFLCAAEWLTLGLNMPLLAYHIV	
Db	61	FFCWYFLCAAEWLTLGLNMPLLAYHIV	
QY	121	CKLAFYLLAFFYLYGMIYLVSS	144
Db	121	CKLAFYLLAFFYLYGMIYLVSS	144

RESULT 173

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US-10-219-483-120
; Sequence 120, Application US/10219483
; Publication No. US20030187210A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C43
; CURRENT APPLICATION NUMBER: US/10/219,483
; CURRENT FILING DATE: 2002-08-13
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-483-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFCYMLALLTLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTIMNADILAYCOKEGW 120
Db      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTIMNADILAYCOKEGW 120
QY      121  CKLAFYLLAFFYLYGMIVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 174
US-10-219-525-120
; Sequence 120, Application US/10219525
; Publication No. US20030187211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
```

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C29
; CURRENT APPLICATION NUMBER: US/10/219,525
; CURRENT FILING DATE: 2002-08-13
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-525-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFCYMLALLTLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTIMNADILAYCOKEGW 120
Db      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTIMNADILAYCOKEGW 120
QY      121  CKLAFYLLAFFYLYGMIVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 175
US-10-219-526-120
; Sequence 120, Application US/10219526
; Publication No. US20030187212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
```

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; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-530-120

Query Match          100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAAIIFFAIWHITAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
Db      1  MAFTFAAFCYMLALLTAAIIFFAIWHITAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60

QY      61  FFCVMEFLCAAEWLTLGNMPELLAYHIWRYMSRPFVMSGPGLYDPTTINMADILAYCQKEGW 120
Db      61  FFCVMEFLCAAEWLTLGNMPELLAYHIWRYMSRPFVMSGPGLYDPTTINMADILAYCQKEGW 120

QY      121  CKLAFYLLAFFYYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 177
US-10-219-531-120
; Sequence 120, Application US/10219531
; Publication No. US20030187214A1
; GENERAL INFORMATION:

```

1 APPLICANT: Gerritsen, Mary  
 2 APPLICANT: Goddard, Audrey  
 3 APPLICANT: Godowski, Paul J.  
 4 APPLICANT: Grimaldi, J. Christopher  
 5 APPLICANT: Gurney, Austin L.  
 6 APPLICANT: Smith, Victoria  
 7 APPLICANT: Stephan, Jean-Philippe F.  
 8 APPLICANT: Watanabe, Colin L.  
 9 APPLICANT: Wood, William I.  
 10 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 11  
 12 TITLE OF INVENTION: ACIDS ENCODING THE SAME  
 13  
 14 FILE REFERENCE: P3530P1C66  
 15  
 16 CURRENT APPLICATION NUMBER: US/10/219,531  
 17  
 18 CURRENT FILING DATE: 2002-08-14  
 19  
 20 PRIOR APPLICATION NUMBER: 10/119,480  
 21  
 22 PRIOR FILING DATE: 2002-04-09  
 23  
 24 PRIOR APPLICATION NUMBER: 60/059113  
 25  
 26 PRIOR FILING DATE: 1997-09-17  
 27  
 28 PRIOR APPLICATION NUMBER: 60/062287  
 29  
 30 PRIOR FILING DATE: 1997-10-17  
 31  
 32 PRIOR APPLICATION NUMBER: 60/063549  
 33  
 34 PRIOR FILING DATE: 1997-10-28

```
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-531-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||
Db      1  MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||

QY      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGPGLYDPTTMNADILAYCQKEGW 120
      |||||||
Db      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGPGLYDPTTMNADILAYCQKEGW 120
      |||||||

QY      121  CKLAFYLLAFFFYLYGMIYVLVSS 144
      |||||||
Db      121  CKLAFYLLAFFFYLYGMIYVLVSS 144
      |||||||

RESULT 178
US-10-219-532-120
; Sequence 120, Application US/10219532
; Publication No. US20030187215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C63
; CURRENT APPLICATION NUMBER: US/10/219,532
; PRIOR FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
```

```
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-532-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||
Db      1  MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||

QY      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGPGLYDPTTMNADILAYCQKEGW 120
      |||||||
Db      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGPGLYDPTTMNADILAYCQKEGW 120
      |||||||

QY      121  CKLAFYLLAFFFYLYGMIYVLVSS 144
      |||||||
Db      121  CKLAFYLLAFFFYLYGMIYVLVSS 144
      |||||||

RESULT 179
US-10-219-533-120
; Sequence 120, Application US/10219533
; Publication No. US20030187216A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C56
; CURRENT APPLICATION NUMBER: US/10/219,533
; PRIOR FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
```

```
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-533-120

Query Match
Best Local Similarity 100.0%; Score 784; DB 14; Length 144;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 180
US-10-232-228-120
; Sequence 120, Application US/10232228
; Publication No. US20030187218A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C112
; CURRENT APPLICATION NUMBER: US/10/232,228
; CURRENT FILING DATE: 2002-08-29
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-228-120

Query Match
Best Local Similarity 100.0%; Score 784; DB 14; Length 144;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 180
US-10-230-437-120
; Sequence 120, Application US/10230437
; Publication No. US20030187217A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C94
; CURRENT APPLICATION NUMBER: US/10/230,437
; CURRENT FILING DATE: 2002-08-28
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-437-120

Query Match
Best Local Similarity 100.0%; Score 784; DB 14; Length 144;
```



```
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-247A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFQCYMLALLTTAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
DB 1 MAFTFAAFQCYMLALLTTAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTMMNADILAYCOKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 184
US-10-145-124A-322
; Sequence 322, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C44
; CURRENT APPLICATION NUMBER: US/10/145,124A
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-124A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFQCYMLALLTTAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
DB 1 MAFTFAAFQCYMLALLTTAALFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTMMNADILAYCOKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTMMNADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 185
US-10-160-502A-322
; Sequence 322, Application US/10160502A
; Publication No. US20030190703A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; CURRENT FILING DATE: 2001-10-19
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```
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-160-502A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

Qy      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120

Qy      121  CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 186
US-10-223-082-2
; Sequence 2, Application US/10223082
; Publication No. US20030191059A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P3235PLC3
; CURRENT APPLICATION NUMBER: US/10/223,082
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637

; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-160-502A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

Qy      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINNADILAYCOKEGW 120

Qy      121  CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 187
US-10-145-087A-322
; Sequence 322, Application US/10145087A
; Publication No. US20030194410A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheiton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
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APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C47  
CURRENT APPLICATION NUMBER: US/10/145,087A  
CURRENT FILING DATE: 2001-10-18  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 322  
LENGTH: 144  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-145-087A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELTQYKNPIDQCNLTNPLVPEYLIHA 60  
DB 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELTQYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRVPVMSGPGLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRVPVMSGPGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

RESULT 188  
US-10-017-086A-322  
Sequence 322, Application US/10017086A  
Publication No. US20030194744A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C64  
CURRENT APPLICATION NUMBER: US/10/017,086A  
CURRENT FILING DATE: 2002-04-30  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 322  
LENGTH: 144  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-017-086A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELTQYKNPIDQCNLTNPLVPEYLIHA 60  
DB 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELTQYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRVPVMSGPGLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIIWYMSRVPVMSGPGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

RESULT 189  
US-10-164-829A-322  
Sequence 322, Application US/10164829A  
Publication No. US20030194780A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC28
; CURRENT APPLICATION NUMBER: US/10/164,829A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-164-829A-322

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQNTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQNTNPLVLPYLIHA 60

Qy 61 FFCWMLCAEWLTGLNMLLAYHIIWYMSRPVMSGPLGYDPTTMMADILAYCQKGGW 120
Db 61 FFCWMLCAEWLTGLNMLLAYHIIWYMSRPVMSGPLGYDPTTMMADILAYCQKGGW 120

Qy 121 CKLAFYLLAFFYLYGMIYLVYSS 144
Db 121 CKLAFYLLAFFYLYGMIYLVYSS 144

RESULT 190
US-10-164-929A-322
; Sequence 322, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Grimsdick, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kluvin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.

```

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C81  
CURRENT APPLICATION NUMBER: US/10/013,922A  
CURRENT FILING DATE: 2001-10-25  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
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PRIOR APPLICATION NUMBER: 60/078939  
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PRIOR APPLICATION NUMBER: 60/079294  
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PRIOR APPLICATION NUMBER: 60/079656  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
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PRIOR APPLICATION NUMBER: 60/082797  
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PRIOR FILING DATE: 1998-04-28  
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PRIOR APPLICATION NUMBER: 60/083558  
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PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30

;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
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;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 NAFTFAACYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIIHA 60  
Db 1 NAFTFAACYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIIHA 60  
  
Qy 61 PFCWFLCAAEWLTGLNPLIAYHIWYMSRPVMSGPLDYPTTMMADILAYCQKGGW 120  
Db 61 PFCWFLCAAEWLTGLNPLIAYHIWYMSRPVMSGPLDYPTTMMADILAYCQKGGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 192  
US-10-020-445A-322  
; Sequence 322, Application US/10020445A  
; Publication No. US20030198994A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang

;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kljavin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James;  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2630P1C74  
;; CURRENT APPLICATION NUMBER: US/10/020,445A  
;; PRIOR FILING DATE: 2001-10-24  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
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;; PRIOR APPLICATION NUMBER: 60/078004  
;; PRIOR FILING DATE: 1998-03-13  
;; PRIOR APPLICATION NUMBER: 60/078886  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078936  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078939  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079664  
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;; PRIOR APPLICATION NUMBER: 60/079786  
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;; PRIOR APPLICATION NUMBER: 60/079920  
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;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/080105  
;; PRIOR FILING DATE: 1998-03-31

;; PRIOR APPLICATION NUMBER: 60/080107  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080165  
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;; PRIOR FILING DATE: 1998-04-15  
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;; PRIOR APPLICATION NUMBER: 60/082568  
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;; PRIOR APPLICATION NUMBER: 60/082700  
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;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MATFAAFCCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQCNTLNLPLVPEYLIHA 60  
Db 1 MATFAAFCCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQCNTLNLPLVPEYLIHA 60  
  
Qy 61 FFCVMEFLCAAEWLTGLNMEZLLAYHWYMSRPFVMSGPGLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMEFLCAAEWLTGLNMEZLLAYHWYMSRPFVMSGPGLYDPTTINADILAYCQKEGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
  
RESULT 193  
US-10-013-924A-322  
; Sequence 322, Application US/10013924A  
; Publication No. US20030199021A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Deanoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman

Tue Jun 15 08:30:07 2004

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; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C76
; CURRENT APPLICATION NUMBER: US/10/013,924A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-924A-322

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

RESULT 194
US-10-017-084A-322
; Sequence 322, Application US/10017084A
; Publication No. US2003020402A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C66
; CURRENT APPLICATION NUMBER: US/10/017,084A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-084A-322

Query Match 100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

RESULT 195
US-10-017-085A-322
; Sequence 322, Application US/10017085A
; Publication No. US20030204055A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-017-085A-322

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5,8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKSGW 120  
Db 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKSGW 120  
QY 121 CKLAFYLLAFFYLYXGMIYLVSS 144  
Db 121 CKLAFYLLAFFYLYXGMIYLVSS 144

## RESULT 196

US-10-013-916A-322  
Sequence 322, Application US/10013916A  
Publication No. US20030206915A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-013-916A-322

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5,8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKSGW 120  
Db 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKSGW 120  
QY 121 CKLAFYLLAFFYLYXGMIYLVSS 144  
Db 121 CKLAFYLLAFFYLYXGMIYLVSS 144

## RESULT 197

US-10-143-026B-322  
Sequence 322, Application US/10143026B  
Publication No. US20030207803A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-143-026B-322

US-10-143-026B-322  
Sequence 322, Application US/10143026B  
Publication No. US20030207803A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-143-026B-322



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; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-143-026B-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
DB 1 MAFTFAFCVMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

QY 61 FFCVMEFCAEWLTGLNMPFLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMEFCAEWLTGLNMPFLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 198
US-10-013-918A-322
; Sequence 322, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C77
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US/10/013,918A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
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; PRIOR FILING DATE: 1998-03-27
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; PRIOR APPLICATION NUMBER: 60/079663
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; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
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; PRIOR FILING DATE: 1998-03-31
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; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598

; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15

Query Match 100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALMLTALIFPAIWHIIAFDELKTDYKNPIDQCNLTAPLVLPEYLIIA 60
Db 1 MAFTFAFCVMLALMLTALIFPAIWHIIAFDELKTDYKNPIDQCNLTAPLVLPEYLIIA 60
QY 61 FFCVMFLCAAEWLTGLNMLLAYHIIWRYMSRPVMSGPGLYDPTTINNADILAYCQEGW 120
Db 61 FFCVMFLCAAEWLTGLNMLLAYHIIWRYMSRPVMSGPGLYDPTTINNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 199
US-10-013-928A-322
; Sequence 322, Application US/10013928A
; Publication No. US20030215905A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

```

; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C86
; CURRENT APPLICATION NUMBER: US/10/013,928A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-928A-322

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Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLLTAAIIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLLTAAIIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY      121  CKLAFYLLAFFYLYGMIVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIVLVSS 144

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RESULT 200
US-10-162-522A-322
; Sequence 322, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

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; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-162-522A-322

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Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLLTAAIIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLLTAAIIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY      121  CKLAFYLLAFFYLYGMIVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIVLVSS 144

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RESULT 201
US-10-013-923A-322
; Sequence 322, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

```

APPLICANT:	Ferrara, Napoleon
APPLICANT:	Filvaroff, Ellen
APPLICANT:	Fong, Sherman
APPLICANT:	Gao, Wei-Qiang
APPLICANT:	Gerber, Hanspeter
APPLICANT:	Gerritsen, Mary E.
APPLICANT:	Goddard, Audrey
APPLICANT:	Godowski, Paul J.
APPLICANT:	Grimaldi, J. Christopher
APPLICANT:	Gurney, Austin L.
APPLICANT:	Hillan, Kenneth J.
APPLICANT:	Kijavhin, Ivar J.
APPLICANT:	Kuo, Sophia S.
APPLICANT:	Napier, Mary A.
APPLICANT:	Pan, James
APPLICANT:	Paoni, Nicholas F.
APPLICANT:	Roy, Margaret Ann
APPLICANT:	Shelton, David L.
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Tumas, Daniel
APPLICANT:	Williams, P. Mickey

```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC88
; CURRENT APPLICATION NUMBER: US/10/013,927A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-013-927A-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAEWLTGLNMPPELLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120
Db 61 FFCVMFLCAEWLTGLNMPPELLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVNVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVNVSS 144

RESULT 204
US-10-013-927A-322
; Sequence 322, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; Prior Application Number: 09/918585
; Prior Filing Date: 2001-07-30
; Prior Application Number: 60/062250
; Prior Filing Date: 1997-10-17
; Prior Application Number: 60/064249

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; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-093A-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAEWLTGLNMPPELLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120
Db 61 FFCVMFLCAEWLTGLNMPPELLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVNVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVNVSS 144

RESULT 205
US-10-013-919A-322
; Sequence 322, Application US/10C13919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2630PIC85  
;; CURRENT APPLICATION NUMBER: US/10/013,919A  
;; CURRENT FILING DATE: 2001-10-25  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 624  
;; SEQ ID NO 322  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-013-919A-322

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MAFTFAACVYMLALLTAAIIFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLHA 60  
Db 1 MAFTFAACVYMLALLTAAIIFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLHA 60  
  
Qy 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 206  
US-10-232-226-120  
;; Sequence 120, Application US/10232226  
;; Publication No. US20040006206A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Gerritsen, Mary  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stephan, Jean-Philippe F.  
;; APPLICANT: Watanabe, Colin L.  
;; APPLICANT: Wood, William I.

;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; FILE REFERENCE: P3530PIC110  
;; CURRENT APPLICATION NUMBER: US/10/232,226  
;; CURRENT FILING DATE: 2002-08-29  
;; PRIOR APPLICATION NUMBER: 10/119,480  
;; PRIOR FILING DATE: 2002-04-09  
;; PRIOR APPLICATION NUMBER: 60/059113

;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/062287  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/063549  
;; PRIOR FILING DATE: 1997-10-28  
;; PRIOR APPLICATION NUMBER: 60/064103  
;; PRIOR FILING DATE: 1997-10-31  
;; PRIOR APPLICATION NUMBER: 60/069873  
;; PRIOR FILING DATE: 1997-12-17  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 246  
;; SEQ ID NO 120  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-232-226-120

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MAFTFAACVYMLALLTAAIIFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLHA 60  
Db 1 MAFTFAACVYMLALLTAAIIFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLHA 60  
  
Qy 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 207  
US-10-013-920A-322  
;; Sequence 322, Application US/10013920A  
;; Publication No. US20040006219A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kijavlin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey

```
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: F2630P1C78
; CURRENT APPLICATION NUMBER: US/10/013,920A
; PRIOR FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-920A-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAEWLTGLNNPELLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVMFLCAEWLTGLNNPELLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 208
US-10-230-130-120
; Sequence 120, Application US/10230130
; Publication No. US20040019183A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C101
; CURRENT APPLICATION NUMBER: US/10/230,130
; CURRENT FILING DATE: 2002-08-28
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-130-120

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAEWLTGLNNPELLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVMFLCAEWLTGLNNPELLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 209
US-10-119-480-120
; Sequence 120, Application US/10119480
; Publication No. US20040087769A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C1
; CURRENT APPLICATION NUMBER: US/10/119,480
; CURRENT FILING DATE: 2002-04-09
; NUMBER OF SEQ ID NOS: 246
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-119-480-120

Query Match      100.0%; Score 784; DB 16; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAEWLTGLNNPELLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVMFLCAEWLTGLNNPELLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 210
US-09-729-835-63
; Sequence 63, Application US/09729835
; Patent No. US20010016647A1
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```

/ GENERAL INFORMATION:
/ APPLICANT: Ruben et al.
/ TITLE OF INVENTION: 29 Human Secreted Proteins
/ FILE REFERENCE: P2015P1
/ CURRENT APPLICATION NUMBER: US/09/729,835
/ CURRENT FILING DATE: 2000-12-06
/ PRIOR APPLICATION NUMBER: 09/257,179
/ PRIOR FILING DATE: 1999-02-25
/ PRIOR APPLICATION NUMBER: 60/056,270
/ PRIOR FILING DATE: 1997-08-29
/ PRIOR APPLICATION NUMBER: 60/056,271
/ PRIOR FILING DATE: 1997-08-29
/ PRIOR APPLICATION NUMBER: 60/056,247
/ PRIOR FILING DATE: 1997-08-29
/ PRIOR APPLICATION NUMBER: 60/056,073
/ PRIOR FILING DATE: 1997-08-29
/ NUMBER OF SEQ ID NOS: 128
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 63
/ LENGTH: 145
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: SITE
/ LOCATION: (145)
/ OTHER INFORMATION: Xaa equals stop translation
US-09-729-835-63

```

Query Match	100.0%;	Score 784;	DB 9;	Length 145;
Best Local Similarity	100.0%;	Pred. No. 5.8e-78;		
Matches 144;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MAETFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIQDCTNTINPLVPEYLIHA	60	
Db	1	MAETFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIQDCTNTINPLVPEYLIHA	60	
QY	61	FFCVMFCAAEWLTGLNMPPELLAYHIWRYMSRPVMSGPGLYDPTTINADILAYCQKEGW	120	
Db	61	FFCVMFCAAEWLTGLNMPPELLAYHIWRYMSRPVMSGPGLYDPTTINADILAYCQKEGW	120	
QY	121	CKLAFYLLAFYYLYGMIYVLVS	144	
Db	121	CKLAFYLLAFYYLYGMIYVLVS	144	

RESULT 2111

US-10-373-809-63

Sequence 63, Application US/10373809

Publication No. US2004002360A1

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: 29 Human Secreted Proteins

FILE REFERENCE: PZ015P1

CURRENT APPLICATION NUMBER: US/10/373,809

CURRENT FILING DATE: 2003-02-27

PRIOR APPLICATION NUMBER: US/09/729,835

PRIOR FILING DATE: 2000-12-06

PRIOR APPLICATION NUMBER: 09/257,179

PRIOR FILING DATE: 1999-02-25

PRIOR APPLICATION NUMBER: 60/056,270

PRIOR FILING DATE: 1997-08-29

PRIOR APPLICATION NUMBER: 60/056,271

PRIOR FILING DATE: 1997-08-29

PRIOR APPLICATION NUMBER: 60/056,247

PRIOR FILING DATE: 1997-08-29

PRIOR APPLICATION NUMBER: 60/056,073

PRIOR FILING DATE: 1997-08-29

NUMBER OF SEQ ID NOS: 128

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 63

LENGTH: 145

TYPE: PRT

ORGANISM: Homo sapiens

```

;
; NAME/KEY: SITE
; LOCATION: (145)
; OTHER INFORMATION: Xaa equals stop translation
US-10-373-809-63

Query Match          100.0%;   Score 784;   DB 16;   Length 145;
Best Local Similarity 100.0%;   Pred. No. 5.8e-78;
Matches 144;   Conservative 0;   Mismatches 0;   Indels 0;   Gaps 0;

Qy 1  MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
Db 1  MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60

Qy 61  FFCWVFCAAEWLTLGNMVELLAVHIWYRSRPMVSGPLYDPTTINMADILAYCQKEGW 120
Db 61  FFCWVFCAAEWLTLGNMVELLAVHIWYRSRPMVSGPLYDPTTINMADILAYCQKEGW 120

Qy 121  CKLAFYLLAFYYLYGMYYVLVSS 144
Db 121  CKLAFYLLAFYYLYGMYYVLVSS 144

```

```

RESULT 212
US-09-765-205-2
; Sequence 2, Application US/09765205
; Patent No. US20020034800A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Li
; TITLE OF INVENTION: BONE MARROW SECRETED PROTEINS AND POLYNUCLEOTIDES
; FILE REFERENCE: 1458.004/200130.449
; CURRENT APPLICATION NUMBER: US/09/765,205
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US/09/212,440
; PRIOR FILING DATE: 1998-12-16
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 142
; TYPE: PRT
; ORGANISM: human
US-09-765-205-2

```

Query Match	98.9%;	Score 775;	DB 9;	Length 142;
Best Local Similarity	100.0%;	Prod. No. 5.5e-77;		
Matches 142;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	3	FTFAAFCYMLALLTAALIIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHAFF	62	
Db	1	FTFAAFCYMLALLTAALIIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHAFF	60	
QY	63	CVMFELCAAEWLTGLNNPLLAYHTRWYMSRPMVSGPGLYDPTTINNADILAYCQKEGWCK	122	
Db	61	CVMFELCAAEWLTGLNNPLLAYHTRWYMSRPMVSGPGLYDPTTINNADILAYCQKEGWCK	120	
QY	123	LAFYLLAFFYYLYGMIYVLVSS	144	
Db	121	LAFYLLAFFYYLYGMIYVLVSS	142	

Search completed: June 14, 2004, 20:43:35  
Job time : 90 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 14, 2004, 20:23:11 ; Search time 31 Seconds  
(without alignments)  
446.825 Million cell updates/sec

Title: US-09-978-298A-322  
Perfect score: 784  
Sequence: 1 MAFTFAACVYMLALLTAAL.....FYLLAFFYLYGMIYVLVSS 144

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 283366 seqs, 96191526 residues

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 6500 summaries

Database :

PIR 78:\*  
1: pir1.\*  
2: pir2.\*  
3: pir3.\*  
4: pir4.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result	Query				
No.	Score	Match	Length	DB	ID
					Description
-----					
No matches found					

Search completed: June 14, 2004, 20:37:22  
Job time : 33 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 14, 2004, 18:58:11 ; Search time 21 Seconds  
(without alignments)  
357.052 Million cell updates/sec

Title: US-09-978-298a-322

Perfect score: 784

Sequence: 1 MAFTFAFCYMLALLTLAAL.....FYLLAFYLYGMYLVSS 144

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 141681 seqs, 52070155 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database : SwissProt\_42.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	784	100.0	144	1 CNIH_HUMAN	O95406 homo sapien
2	778	99.2	144	1 CNIH_MOUSE	O35372 mus musculus

#### ALIGNMENTS

RESULT 1  
CNIH\_HUMAN  
ID CNIH\_HUMAN STANDARD; PRT; 144 AA.  
AC O95406;  
DT 30-MAY-2000 (Rel. 39, Created)  
DT 30-MAY-2000 (Rel. 39, Last sequence update)  
DT 28-FEB-2003 (Rel. 41, Last annotation update)  
DE Cornichon homolog (TCAM77).  
GN CNIH OR CNIL.  
OS Homo sapiens (Human).  
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
OX NCBI\_TaxID=9606;  
[1]  
RN RP  
SEQUENCE FROM N.A.  
RC TISSUE=Carcinoma;  
RA Plisov S.Y., Ivanov S.V., Lerman M., Perantoni A.O.;  
RL Submitted (NOV-1998) to the EMBL/GenBank/DBJ databases.  
[2]  
RN RP  
SEQUENCE FROM N.A.  
RC TISSUE=Blood;  
RA Zhang Q.-H., Ye M., Wu X.-Y., Ren S.-X., Zhao M., Zhao C.-J., Fu G.,  
RA Shen Y., Fan H.-Y., Lu G., Zhong M., Xu X.-R., Han Z.-G., Zhang J.-W.,  
RA Tao J., Huang Q.-H., Zhou J., Hu G.-X., Gu J., Chen S.-J., Chen Z.-J.  
"Cloning and functional analysis of cDNAs with open reading frames for

RT 300 previously undefined genes expressed in CD34+ hematopoietic  
stem/progenitor cells.";  
RN Genome Res. 10:1546-1560(2000).  
[3]  
RP SEQUENCE OF 11-144 FROM N.A.  
RX MEDLINE=99227056; PubMed=10209299;  
RA Utku N., Bulwin G.-C., Beinke S., Heinemann T., Beato F., Randall J.,  
RA Schnieders B., Sandhoff K., Volk H.-D., Milford E., Gullans S.R.;  
RT "The human homolog of Drosophila cornichon protein is differentially  
expressed in alloactivated T-cells";  
RL Biochim. Biophys. Acta 1449:203-210(1999).  
CC -1- SUBCELLULAR LOCATION: Integral membrane protein (Potential).  
CC -1- TISSUE SPECIFICITY: Highly expressed in heart, liver, skeletal  
muscle, pancreas, adrenal medulla and cortex, thyroid, testis,  
spleen, appendix, peripheral blood lymphocytes and bone marrow.  
CC Lower expression found in brain, placenta, lung, kidney, ovary,  
small intestine, stomach, lymph node, thymus and fetal liver.  
CC -1- SIMILARITY: Belongs to the cornichon family.  
CC -----  
CC This SWISS-PROT entry is copyright. It is produced through a collaboration  
between the Swiss Institute of Bioinformatics and the EMBL Outstation -  
the European Bioinformatics Institute. There are no restrictions on its  
use by non-profit institutions as long as its content is in no way  
modified and this statement is not removed. Usage by and for commercial  
entities requires a license agreement (See <http://www.isb-sib.ch/announce/>  
or send an email to [license@isb-sib.ch](mailto:license@isb-sib.ch)).  
CC -----  
DR EMBL; AF104398; AAC98388.1; -  
DR EMBL; AF070654; AAD20960.1; -  
DR EMBL; AF031379; AAD32301.1; -  
DR Genew; HGNC:19431; CNIH.  
DR GO; GO:0008955; P:immune response; TAS.  
DR GO; GO:0007165; P:signal transduction; TAS.  
DR InterPro; IPR003377; Cornichon.  
DR Pfam; PF03311; Cornichon; 1.  
DR PROSITE; PS01340; CORNICHON; 1.  
KW Transmembrane  
FT TRANSMEM 11 31 POTENTIAL.  
FT TRANSMEM 57 77 POTENTIAL.  
FT TRANSMEM 123 143 POTENTIAL.  
SQ SEQUENCE 144 AA; 16699 MW; 59BD114D24C455CD CRC64;  
  
Query Match 100.0%; Score 784; DB 1; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2e-67;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAFCYMLALLTLAALFFAIWHIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60  
Db 1 MAFTFAFCYMLALLTLAALFFAIWHIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60  
  
QY 61 FFCVNFCAAEWLTGLNMPLLAYHIVRYMSRPVWSGPLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVNFCAAEWLTGLNMPLLAYHIVRYMSRPVWSGPLYDPTTINADILAYCQKEGW 120  
  
QY 121 CKLAFFYLLAFYLYGMYLVSS 144  
Db 121 CKLAFFYLLAFYLYGMYLVSS 144  
  
RESULT 2  
CNIH\_MOUSE  
ID CNIH\_MOUSE STANDARD; PRT; 144 AA.  
AC O35372;  
DT 30-MAY-2000 (Rel. 39, Created)  
DT 30-MAY-2000 (Rel. 39, Last sequence update)  
DT 30-MAY-2000 (Rel. 39, Last annotation update)  
DE Cornichon homolog.  
GN CNIH.  
OS Mus musculus (Mouse).  
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
OX NCBI\_TaxID=10090;  
[1]  
RN

RP SEQUENCE FROM N.A.  
RC STRAIN=B6D2;  
RX MEDLINE=99147138; PubMed=10022955;  
RA Hwang S.-Y., Oh B., Zhang Z., Miller W., Solter D., Knowles B.B.;  
RT "The mouse cornichon gene family.";  
RL Dev. Genes Evol. 209:120-125(1999).  
CC -!- SUBCELLULAR LOCATION: Integral membrane protein (Potential).  
CC -!- TISSUE SPECIFICITY: Expressed in oocytes, and at a basal level in  
CC ovarian somatic cells of 6-week-old mouse. Expressed in adult  
CC brain.  
CC -!- DEVELOPMENTAL STAGE: Abundant in full grown oocyte and the  
CC ovulated unfertilized egg, shows a slight decrease 12 hours after  
CC fertilization. Transcripts from the activated embryonic genome are  
CC present in the eight-cell embryo.  
CC -!- SIMILARITY: Belongs to the cornichon family.  
CC -----  
CC This SWISS-PROT entry is copyright. It is produced through a collaboration  
CC between the Swiss Institute of Bioinformatics and the EMBL outstation -  
CC the European Bioinformatics Institute. There are no restrictions on its  
CC use by non-profit institutions as long as its content is in no way  
CC modified and this statement is not removed. Usage by and for commercial  
CC entities requires a license agreement (See [http://www.isb-sib.ch/](http://www.isb-sib.ch/announce/)  
CC or send an email to [license@isb-sib.ch](mailto:license@isb-sib.ch)).  
CC -----  
DR EMBL; AF022811; AAC15828.1; -.  
DR MGD; MGI:1277202; Cnih.  
DR InterPro; IPR003377; Cornichon.  
DR Pfam; PF03311; Cornichon; 1.  
DR PROSITE; PS01340; CORNICHON; 1.  
KW Transmembrane.  
FT TRANSMEM 11 31 POTENTIAL.  
FT TRANSMEM 57 77 POTENTIAL.  
FT TRANSMEM 123 143 POTENTIAL.  
SQ SEQUENCE 144 AA; 16713 MW; DF66786D24C455CA CRC64;  
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Query Match 99.2%; Score 778; DB 1; Length 144;  
Best Local Similarity 99.3%; Pred. No. 7.3e-67;  
Matches 143; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 MAFTFAAFPCYMLALLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
Db 1 MAFTFAAFPCYMLALLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRYSRVPVMSGPLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWRYSRVPVMSGPLYDPTTINADILAYCQKEGW 120  
QY 121 CKLAFYLLAFYLYGMIVYLVSS 144  
Db 121 CKLAFYLLAFYLYGMIVYLVSS 144

Search completed: June 14, 2004, 20:35:20  
Job time : 23 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 14, 2004, 20:19:31 ; Search time 75 Seconds  
(without alignments)  
605.795 Million cell

Title: US-09-978-298A-322  
Perfect score: 784  
Sequence: 1 MAFTFAAFCYMLALLTAAL.....FYLLAFYYDXGMYVLVSS 144

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1017041 seqs, 315518202 residues

Total number of hits satisfying chosen parameters: 1

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 80%

Maximum Match 80%  
Maximum Match 100%  
Listing first 65000 summaries

Database :

```

1: 1:  sp_arnica:*
2: 2:  sp_bacteria:*
3: 3:  sp_bacteria:*
4: 4:  sp_fungi:*
5: 5:  sp_human:*
6: 6:  sp_invertebrate:*
7: 7:  sp_mammal:*
8: 8:  sp_rhiz:*
9: 9:  sp_organelle:*
10: 10: sp_phage:*
11: 11: sp_plant:*
12: 12: sp_rhiz:*
13: 13: sp_virus:*
14: 14: sp_virus:*
15: 15: sp_unclassified:*
16: 16: sp_bacteriap:*
17: 17: sp_archaeap:*

```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	Query	Match	Length	DB	ID	Description
1	634	80.9	144	5	Q9BIN0	Q9BIN0 boltonia vi

## ALIGNMENTS

## RESULT 1

Q9BUN0	PRELIMINARY;	PRT;	144 AA.
ID	Q9BUN0		
AC	Q9BUN0;		
DT	01-JUN-2001	(TREMBLrel. 17, Created)	
DT	01-JUN-2001	(TREMBLrel. 17, Last sequence update)	
DT	01-JUN-2003	(TREMBLrel. 24, Last annotation update)	
DE	Cornichon.		
GN	CNIR.		
OS	Boltenia villosa.		

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OM protein - protein search, using sw model

Run on: June 14, 2004, 18:56:06 ; Search time 87 Seconds  
(without alignments)

467.665 Million cell updates/sec

Title: US-09-978-298a-322

Perfect score: 784

Sequence: 1 MAFTFAAFYCYMLALLTAAL.....FYLLAFYLYGMIVLVSS 144

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues

Total number of hits satisfying chosen parameters: 121

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database :

A Geneseq\_29Jan04.\*

1: Geneseqp1980s.\*

2: Geneseqp1990s.\*

3: Geneseqp2000s.\*

4: Geneseqp2001s.\*

5: Geneseqp2002s.\*

6: Geneseqp2003as.\*

7: Geneseqp2003bs.\*

8: Geneseqp2004s.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	784	100.0	144	2	AA228813
2	784	100.0	144	2	AA228813
3	784	100.0	144	2	AA228813
4	784	100.0	144	2	AA228813
5	784	100.0	144	3	AA228813
6	784	100.0	144	3	AA228813
7	784	100.0	144	4	AA228813
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9	784	100.0	144	4	AA228813
10	784	100.0	144	5	AA228813
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13	784	100.0	144	5	AA228813
14	784	100.0	144	5	AA228813
15	784	100.0	144	6	AA228813
16	784	100.0	144	6	AA228813
17	784	100.0	144	6	AA228813
18	784	100.0	144	6	AA228813
19	784	100.0	144	6	AA228813
20	784	100.0	144	6	AA228813
21	784	100.0	144	6	AA228813
22	784	100.0	144	6	AA228813
23	784	100.0	144	6	AA228813
24	784	100.0	144	6	AA228813
25	784	100.0	144	6	AA228813

26	784	100.0	144	6	ABJ72287
27	784	100.0	144	6	ABJ72287
28	784	100.0	144	6	ABJ72287
29	784	100.0	144	6	ABJ72287
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33	784	100.0	144	6	ABJ72287
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35	784	100.0	144	6	ABJ72287
36	784	100.0	144	6	ABJ72287
37	784	100.0	144	6	ABJ72287
38	784	100.0	144	6	ABJ72287
39	784	100.0	144	6	ABJ72287
40	784	100.0	144	6	ABJ72287
41	784	100.0	144	6	ABJ72287
42	784	100.0	144	6	ABJ72287
43	784	100.0	144	6	ABJ72287
44	784	100.0	144	6	ABJ72287
45	784	100.0	144	6	ABJ72287
46	784	100.0	144	6	ABJ72287
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48	784	100.0	144	6	ABJ72287
49	784	100.0	144	6	ABJ72287
50	784	100.0	144	6	ABJ72287
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57	784	100.0	144	6	ABJ72287
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59	784	100.0	144	6	ABJ72287
60	784	100.0	144	6	ABJ72287
61	784	100.0	144	6	ABJ72287
62	784	100.0	144	6	ABJ72287
63	784	100.0	144	6	ABJ72287
64	784	100.0	144	6	ABJ72287
65	784	100.0	144	6	ABJ72287
66	784	100.0	144	6	ABJ72287
67	784	100.0	144	6	ABJ72287
68	784	100.0	144	6	ABJ72287
69	784	100.0	144	6	ABJ72287
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78	784	100.0	144	6	ABJ72287
79	784	100.0	144	6	ABJ72287
80	784	100.0	144	6	ABJ72287
81	784	100.0	144	6	ABJ72287
82	784	100.0	144	6	ABJ72287
83	784	100.0	144	6	ABJ72287
84	784	100.0	144	6	ABJ72287
85	784	100.0	144	6	ABJ72287
86	784	100.0	144	6	ABJ72287
87	784	100.0	144	6	ABJ72287
88	784	100.0	144	6	ABJ72287
89	784	100.0	144	6	ABJ72287
90	784	100.0	144	6	ABJ72287
91	784	100.0	144	6	ABJ72287
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94	784	100.0	144	6	ABJ72287
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96	784	100.0	144	6	ABJ72287
97	784	100.0	144	6	ABJ72287
98	784	100.0	144	6	ABJ72287

99 784 100.0 144 8 ADD75567 Human PRO  
 100 784 100.0 144 8 ADD74083 Human PRO  
 101 784 100.0 144 8 ADD74329 Human PRO  
 102 784 100.0 144 8 ADD76059 Novel hum  
 103 784 100.0 144 8 ADD85551 Novel hum  
 104 784 100.0 144 8 ADE05100 Human PRO  
 105 784 100.0 144 8 ADD75313 Human PRO  
 106 784 100.0 144 8 ADD76857 Novel hum  
 107 784 100.0 144 8 ADD86625 Novel hum  
 108 784 100.0 144 8 ADE71598 Human hum  
 109 784 100.0 144 8 ADD78093 Novel hum  
 110 784 100.0 144 8 ADE89757 Human sec  
 111 784 100.0 144 8 ADD77601 Novel hum  
 112 784 100.0 144 8 ADD77847 Novel hum  
 113 784 100.0 144 8 ADD85305 Novel hum  
 114 784 100.0 144 8 ADD73837 Human PRO  
 115 784 100.0 144 8 ADD74575 Human PRO  
 116 784 100.0 144 8 ADD77103 Novel hum  
 117 784 100.0 144 8 ADD85797 Novel hum  
 118 784 100.0 144 8 ADE05346 Human PRO  
 119 784 100.0 144 8 ADD74821 Human PRO  
 120 784 100.0 145 2 AAY04316 Human sec  
 121 775 98.9 142 3 AAY53622 A bone ma

## ALIGNMENTS

RESULT 1  
 AAY28813  
 ID AAY28813 standard; protein; 144 AA.  
 AC AAY28813;  
 XX  
 DT 17-JAN-2000 (first entry)  
 XX  
 DE pk65\_4 secreted protein.  
 XX  
 KW clone pk65\_4; pk65\_4 protein; human foetal kidney cDNA library;  
 KW secreted protein; transmembrane domain; cytokine; tissue growth;  
 KW topped I computer program; COS cell expression system;  
 KW membrane fraction; SDS polyacrylamide gel electrophoresis;  
 KW nutritional activity; cell proliferation; immune stimulation;  
 KW immune suppression; hematopoiesis regulation; tumour inhibition.  
 XX  
 OS Homo sapiens.  
 XX  
 FN WO9950405-A1.  
 XX  
 PD 07-OCT-1999.  
 XX  
 PF 30-MAR-1999; 99WO-US006946.  
 XX  
 PR 31-MAR-1998; 98US-0080110P.  
 PR 29-MAR-1999; 99US-00280591.  
 XX  
 PA (GEMY ) GENETICS INST INC.  
 XX  
 PI Jacobs K, McCoy JM, Lavallie ER, Collins-Racie LA, Evans C;  
 PI Merberg D, Treacy M, Agostino MJ, Steininger RJ;  
 XX  
 DR WPI; 1999-610849/52.  
 DR N-PSDB; AAX90853.  
 XX  
 PT Polynucleotides encoding secreted human proteins, derived from human  
 PT adult brain, human fetal brain, human fetal kidney, and human adult blood  
 PT cDNA libraries.  
 XX  
 PS Claim 20; Page 105; 122pp; English.  
 XX  
 CC The present sequence is the pk65\_4 secreted protein encoded by the cDNA  
 CC clone pk65\_4. pk65\_4 was isolated from a human foetal kidney cDNA library  
 CC using methods specific for secreted protein cDNAs. The TopPred II

CC computer program predicts three potential transmembrane domains within  
 CC the protein sequence, centered around amino acids 16, 67, and 133. pk65\_4  
 CC protein was expressed in a COS cell expression system, and an expressed  
 CC band of approximately 15kDa was detected in membrane fractions using SDS  
 CC polyacrylamide gel electrophoresis. The polynucleotide and protein may  
 CC effect nutritional activity, cytokine and cell proliferation, immune  
 CC stimulation or suppression, hematopoiesis regulation, tissue growth,  
 CC tumour inhibition etc  
 XX Sequence 144 AA;  
 SQ  
 Query Match 100.0%; Score 784; DB 2; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAPCYMLALLLTAALIFFAIWHIIAFDELKTDYKPNIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAPCYMLALLLTAALIFFAIWHIIAFDELKTDYKPNIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCWFLCAAEWLTGLNMPILAYHWRVMSRPVMSGPGLYDPTIMNADILAYCQKEGW 120  
 DB 61 FFCWFLCAAEWLTGLNMPILAYHWRVMSRPVMSGPGLYDPTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 RESULT 2  
 AAY41732  
 ID AAY41732 standard; protein; 144 AA.  
 AC AAY41732;  
 XX  
 DT 07-DEC-1999 (first entry)  
 XX  
 DE Human PRO181 protein sequence.  
 XX  
 KW Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;  
 KW probe; blood coagulation disorder; cancer; cellular adhesion disorder;  
 KW secreted protein; transmembrane protein.  
 XX  
 OS Homo sapiens.  
 XX  
 FN WO9946281-A2.  
 XX  
 PD 16-SEP-1999.  
 XX  
 PF 08-MAR-1999; 99WO-US005028.  
 XX  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 12-MAR-1998; 98US-0077649P.  
 PR 13-MAR-1998; 98US-0077791P.  
 PR 17-MAR-1998; 98US-0078004P.  
 PR 20-MAR-1998; 98US-0004020.  
 PR 20-MAR-1998; 98US-0078886P.  
 PR 20-MAR-1998; 98US-0078910P.  
 PR 20-MAR-1998; 98US-0078936P.  
 PR 25-MAR-1998; 98US-0078939P.  
 PR 26-MAR-1998; 98US-0079294P.  
 PR 27-MAR-1998; 98US-0079656P.  
 PR 27-MAR-1998; 98US-0079663P.  
 PR 27-MAR-1998; 98US-0079664P.  
 PR 27-MAR-1998; 98US-0079689P.  
 PR 27-MAR-1998; 98US-0079728P.  
 PR 30-MAR-1998; 98US-0079786P.  
 PR 30-MAR-1998; 98US-0079920P.  
 PR 31-MAR-1998; 98US-0079923P.  
 PR 31-MAR-1998; 98US-0080105P.  
 PR 31-MAR-1998; 98US-0080107P.  
 PR 31-MAR-1998; 98US-0080165P.

31-MAR-1998; 98US-0080194P.  
 01-APR-1998; 98US-0080327P.  
 01-APR-1998; 98US-0080328P.  
 01-APR-1998; 98US-0080333P.  
 01-APR-1998; 98US-0080334P.  
 08-APR-1998; 98US-0081049P.  
 08-APR-1998; 98US-0081070P.  
 08-APR-1998; 98US-0081071P.  
 09-APR-1998; 98US-0081195P.  
 09-APR-1998; 98US-0081203P.  
 09-APR-1998; 98US-0081229P.  
 15-APR-1998; 98US-0081817P.  
 15-APR-1998; 98US-0081838P.  
 15-APR-1998; 98US-0081952P.  
 15-APR-1998; 98US-0081955P.  
 21-APR-1998; 98US-0082568P.  
 21-APR-1998; 98US-0082569P.  
 22-APR-1998; 98US-0082700P.  
 22-APR-1998; 98US-0082704P.  
 22-APR-1998; 98US-0082804P.  
 23-APR-1998; 98US-0082767P.  
 23-APR-1998; 98US-0082796P.  
 27-APR-1998; 98US-0083336P.  
 28-APR-1998; 98US-0083322P.  
 29-APR-1998; 98US-0083392P.  
 29-APR-1998; 98US-0083495P.  
 29-APR-1998; 98US-0083496P.  
 29-APR-1998; 98US-0083499P.  
 29-APR-1998; 98US-0083500P.  
 29-APR-1998; 98US-0083545P.  
 29-APR-1998; 98US-0083554P.  
 29-APR-1998; 98US-0083558P.  
 29-APR-1998; 98US-0083559P.  
 30-APR-1998; 98US-0083742P.  
 05-MAY-1998; 98US-0084366P.  
 06-MAY-1998; 98US-0084414P.  
 06-MAY-1998; 98US-0084441P.  
 07-MAY-1998; 98US-0084598P.  
 07-MAY-1998; 98US-0084600P.  
 07-MAY-1998; 98US-0084640P.  
 07-MAY-1998; 98US-0084643P.  
 13-MAY-1998; 98US-0085323P.  
 13-MAY-1998; 98US-0085338P.  
 13-MAY-1998; 98US-0085339P.  
 15-MAY-1998; 98US-0085573P.  
 15-MAY-1998; 98US-0085579P.  
 15-MAY-1998; 98US-0085580P.  
 15-MAY-1998; 98US-0085582P.  
 15-MAY-1998; 98US-0085689P.  
 15-MAY-1998; 98US-0085697P.  
 15-MAY-1998; 98US-0085700P.  
 15-MAY-1998; 98US-0085704P.  
 18-MAY-1998; 98US-0086023P.  
 22-MAY-1998; 98US-0086392P.  
 22-MAY-1998; 98US-0086414P.  
 22-MAY-1998; 98US-0086430P.  
 22-MAY-1998; 98US-0086486P.  
 28-MAY-1998; 98US-0087098P.  
 28-MAY-1998; 98US-0087106P.  
 30-MAY-1998; 98US-0087208P.  
 30-JUL-1998; 98US-0094651P.  
 11-SEP-1998; 98US-0100038P.  
 (GETH ) GENENTECH INC.  
 Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;  
 WPI; 1999-551358/46.  
 N-PSDB; AAZ34164.

PT New secreted and transmembrane polypeptides and their polynucleotides,  
 PT useful for treating blood coagulation disorders, cancers and cellular  
 PT adhesion disorders.  
 XX Claim 12; Fig 129; 530pp; English.  
 XX The present invention describes secreted and transmembrane polypeptides  
 CC and their polynucleotides. The nucleotide sequences are useful as sources  
 CC of probes, primers, for chromosome mapping, and for generation of  
 CC antisense sequences. They can also be used to create transgenic animals.  
 CC The proteins can be used to treat a variety of diseases and disorders,  
 CC depending on their function. Diseases that may be treated include blood  
 CC coagulation disorders, cancers and cellular adhesion disorders. They may  
 CC also be used to raise antibodies. AAZ33891 to AAZ34338, and AAY41685 to  
 CC AAY41774 represent polynucleotide and polypeptide sequence given in the  
 CC exemplification of the present invention  
 XX Sequence 144 AA;  
 SQ

Query Match 100.0%; Score 784; DB 2; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MAFTFAFCYMLALLTAALIFFAIHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 Db 1 MAFTFAFCYMLALLTAALIFFAIHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPLGYDPTTINADILAYCQEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPLGYDPTTINADILAYCQEGW 120  
 Qy 121 CKLAFYLLAFYLYGMIYLVVSS 144  
 Db 121 CKLAFYLLAFYLYGMIYLVVSS 144

RESULT 3  
 AAY41306  
 ID AAY41306 standard; protein; 144 AA.  
 XX AAY41306;  
 XX 18-JAN-2000 (first entry)  
 DT Human cornichon protein.  
 DE Human; cornichon; differentiation; body plan; metazoan; oogenesis;  
 KW embryogenesis; dorsalization; oocyte; dorsal-ventral axis; bicoid;  
 KW anterior-posterior axis; microtubule; cytoskeleton; oskar; diagnosis;  
 KW developmental disorder; hereditary neuropathy; seizure disorder;  
 KW reproductive disorder; immunological disorder; neoplastic disorder;  
 KW cancer; infection; spina bifida; cataract.  
 XX Homo sapiens.  
 OS US968744-A.  
 PN 19-OCT-1999.  
 PD 14-OCT-1997; 97US-00950168.  
 PF 14-OCT-1997; 97US-00950168.  
 PR 14-OCT-1997; 97US-00950168.  
 XX (INCY-) INCYTE PHARM INC.  
 PA Hillman JL, Shah P, Corley NC;  
 PI WPI; 1999-590398/50.  
 DR N-PSDB; AAZ30544.  
 XX Isolated nucleic acids encoding human cornichon molecules, useful in the  
 PT recombinant production of cornichon proteins and in the prevention,  
 PT diagnosis and treatment of developmental, reproductive, immunological and

PT neoplastic disorders.

XX Claim 1; Fig 1; 28pp; English.

PS This sequence represents the human cornichon (CORN) protein (I). CORN is

XX involved in the differentiation and determination of body plan in

CC metazoans during oogenesis and embryogenesis. It is involved in

CC controlling the correct dorsoventralization of the oocyte (i.e. determining the

CC dorsal-ventral axis) and is essential in the correct induction of the

CC anterior-posterior axis. In this case, CORN is implicated in the

CC formation of correctly polarized microtubule cytoskeletons, which are

CC required for proper localization of the anterior and posterior

CC determinant genes (bicoid and oskar) and for the asymmetric positioning

CC of the oocyte nucleus (see Roth et al., Cell (1995)). (I) may be used for

CC the diagnosis, prevention and treatment of disorders associated with

CC inappropriate expression and/or activity of CORN proteins. These

CC disorders include developmental disorders (e.g. anemia, Cushing's

CC syndrome, epilepsy and achondroplastic dwarfism), hereditary neuropathies

CC (e.g. Charcot-Marie-Tooth disease), seizure disorders (e.g. Sydenham's

CC chorea and cerebral palsy), reproductive disorders (e.g. infertility,

CC disorders of prolactin production, tumors and disruptions of the

CC menstrual cycle), immunological disorders (e.g. acquired immune

CC deficiency syndrome (AIDS), Addison's disease and asthma), neoplastic

CC disorders (e.g. adenocarcinoma, leukemia, cancers of the breast, lung,

CC testis, ovaries and prostate and melanomas), complications of cancers,

CC bacterial, viral, parasitic, protozoal, helminthic and fungal infections

CC and other disorders such as spina bifida and cataracts

XX

SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 2; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

DB 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 4

ID AAY32925 standard; protein; 144 AA.

XX AAY32925;

XX 04-NOV-1999 (first entry)

XX Transmembrane domain containing protein clone HP02239.

XX Transmembrane domain containing protein; human; antibody production;

XX interaction assay; diagnosis; nutritional activity; cytokine;

XX cell proliferation; cell differentiation activity; immune stimulant;

XX immune suppressant; haematopoiesis regulator; tissue growth activity;

XX activin; inhibin activity; chemotaxis; chemokinesis; haemostasis;

XX thrombolysis; anti-inflammatory; cadherin; tumour invasion suppressor;

XX tumour inhibitor.

XX Homo sapiens.

XX WO9943802-A2.

XX 02-SEP-1999.

XX 25-FEB-1999; 99WO-JP000875.

XX

PR 27-FEB-1998; 98JP-00046607.

XX (SAGA) SAGAMI CHEM RES CENT.

PA (PROT-) PROTEGENE INC.

XX Kato S, Sekine S, Kimura T, Nakamura N;

PI WPI; 1999-527617/44.

XX N-PSDB; AAZ11179, AAZ11186.

DR New proteins and DNA useful for preventing tumors.

XX Claim 1; Page 72-73; 96pp; English.

PS This sequence is a human transmembrane protein of the invention. The DNAs

CC are useful for expressing recombinant protein for analysis,

CC characterisation or therapeutic use, and are useful as markers for

CC tissues in which the corresponding protein is preferentially expressed.

CC They are also useful as molecular weight markers on Southern gels, as

CC chromosome markers or tags (when labelled) to identify potential genetic

CC disorders, as probes to hybridise and thus discover novel, related DNA

CC sequences, as a source of PCR primers for genetic fingerprinting, as

CC probes to subtract-out known sequences in the process of discovering

CC other novel DNAs, for selecting and making oligomers for attachment to a

CC gene chip or other support, including for examination of expression

CC patterns, to raise anti-protein antibodies using DNA immunisation

CC techniques, and as an antigen to raise anti-DNA antibodies or elicit

CC another immune response. Where the DNA encodes a protein which binds to

CC another protein (e.g. in a receptor-ligand interaction), the DNA can also

CC be used in interaction trap assays to identify DNAs encoding the other

CC protein with which binding occurs or to identify inhibitors of the

CC binding interaction. The DNAs and proteins can have e.g. nutritional

CC activity, cytokine and cell proliferation/differentiation activity,

CC immune stimulating (e.g. as vaccines) or suppressing activity,

CC haematopoiesis regulating activity, tissue growth activity,

CC activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic

CC and thrombolytic activity, receptor/ligand activity, anti-inflammatory

CC activity, cadherin/tumour invasion suppressor activity, and tumour

CC inhibition activity

XX

SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 2; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

DB 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 5

AAB19524

ID AAB19524 standard; protein; 144 AA.

XX AAB19524;

XX 09-JAN-2001 (first entry)

XX Antitumour PRO181 protein.

XX PRO181; antitumour; antiproliferative; human; cancer; therapy;

XX drug screening.

XX Homo sapiens.

OS



XX Key Location/Qualifiers  
 FH Peptide 1..20  
 FT /label= Signal\_peptide  
 FT Domain 11..31  
 FT /label= Type-II\_transmembrane\_domain  
 FT Domain 57..77  
 FT /label= Transmembrane\_domain  
 FT Modified-site 96..100  
 FT /note= "Glycosaminoglycan attachment site"  
 FT Domain 123..143  
 FT /label= Transmembrane\_domain  
 XX WO200053751-A1.  
 XX 14-SEP-2000.  
 XX 30-DEC-1999; 99WO-US031243.  
 XX 08-MAR-1999; 99WO-US005028.  
 PR 29-MAR-1999; 99US-0126773P.  
 PR 20-JUL-1999; 99US-0144758P.  
 PR 08-SEP-1999; 99WO-US020594.  
 PR 20-DEC-1999; 99WO-US030999.  
 XX (GETH ) GENENTECH INC.  
 XX Ashkenazi AJ, Baker KP, Goddard A, Gurney AL, Napier MA, Wood WI;  
 XX WPI; 2000-594321/56.  
 DR N-PSDB; AAA88439.  
 XX Novel PRO181 and PRO237 polypeptides useful for treating tumors including  
 XX cancers of breast, prostate, lung, leukemia in humans and for identifying  
 XX compounds capable of inhibiting growth of neoplastic cells.  
 PS Claim 19; Fig 2; 107pp; English.  
 XX The present sequence is that of human PRO181 a novel inhibitor of  
 CC neoplastic cell growth. The sequence was deduced from a cDNA clone (see  
 CC AAA88439) isolated from a placental cDNA library. It shows significant  
 CC sequence similarity to cornichon protein. The invention provides PRO181  
 CC and PRO237 (see AAB19525) polypeptides and polynucleotides, vectors, host  
 CC cells, methods for their production, chimeric molecules and antibodies.  
 CC Also claimed is a composition comprising PRO181 or PRO237, or their  
 CC agonists, useful for the treatment of a tumor, especially breast cancer,  
 CC ovarian cancer, renal cancer, colorectal cancer, uterine cancer, prostate  
 CC cancer, lung cancer, bladder cancer, central nervous system cancer,  
 CC melanoma and leukemia. PRO181 and PRO237 are also useful for treating  
 CC neuronal, glial, astrocytal, hypothalamic and other glandular,  
 CC macrophagal, epithelial, stromal, and blastocoeleic disorders and  
 CC inflammatory, angiogenic and immunologic disorders. They are useful for  
 CC identifying agonists to PRO181 or PRO237 in drug screening and rational  
 CC drug design  
 XX Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 3; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDQCNLTNPLVLYLIIHA 60  
 Db 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDQCNLTNPLVLYLIIHA 60  
 QY 61 FFCVWFCLCAEWLTGLGNPLLAYHWTWYMRPWSGPGLYDPTIMNADILAYCOKEGW 120  
 Db 61 FFCVWFCLCAEWLTGLGNPLLAYHWTWYMRPWSGPGLYDPTIMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFFYYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYYLYGMIVLVSS 144

RESULT 6  
 AAB44288  
 ID AAB44288 standard; protein; 144 AA.  
 XX  
 AC AAB44288;  
 XX  
 DT 08-FEB-2001 (first entry)  
 XX  
 DE Human PRO181 (UNQ155) protein sequence SEQ ID NO:322.  
 XX  
 KW Human; secreted protein; transmembrane protein; PRO; EST; cytosstatic;  
 KW expressed sequence tag; detection; cancer.  
 XX  
 OS Homo sapiens.  
 XX  
 PN WO200053756-A2.  
 XX  
 PD 14-SEP-2000.  
 XX  
 XX 18-FEB-2000; 2000WO-US004341.  
 XX  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 12-MAR-1999; 99US-0123957P.  
 PR 29-MAR-1999; 99US-0126773P.  
 PR 21-APR-1999; 99US-0130232P.  
 PR 28-APR-1999; 99US-0131445P.  
 PR 14-MAY-1999; 99US-0134287P.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 26-JUL-1999; 99US-0145698P.  
 PR 29-OCT-1999; 99US-0162506P.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 16-DEC-1999; 99WO-US028585.  
 PR 30-DEC-1999; 99WO-US030095.  
 PR 05-JAN-2000; 99WO-US031274.  
 PR 06-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 XX (GETH ) GENENTECH INC.  
 XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi CU, Gurney AL, Hillan KU;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2000-611443/58.  
 DR N-PSDB; AAC78538.  
 XX Novel PRO polypeptides and polynucleotides used in detection methods, to  
 PT target bioactive molecules to specific cells, and to modulate cellular  
 PT activities.  
 XX  
 PS Claim 12; Fig 129; 636pp; English.  
 XX  
 CC AAC78458 to AAC78599 represent polynucleotide and EST (expressed sequence  
 CC tag) sequences which encode secreted or transmembrane PRO polypeptides.  
 CC The PRO polynucleotides and polypeptides have cytostatic activity. The  
 CC polynucleotides and polypeptides can be used for detecting the presence  
 CC of PRO polypeptides in samples, for linking bioactive molecules to cells  
 CC and for modulating biological activities of cells, using the polypeptides  
 CC for specific targeting. The polypeptide targeting can be used to kill the  
 CC target cells, e.g. for the treatment of cancers. The polypeptide pairs  
 CC provide specific targeting of bioactive molecules to cells. AAC78600 to  
 CC AAC78987 represent PCR primers and probes used in the isolation of the  
 CC PRO polynucleotide sequences  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 3; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60

QY 61 FFCVMELCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMELCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 7  
AAM93330  
ID AAM93330 standard; protein; 144 AA.  
AC AAM93330;  
XX  
XX  
DT 06-NOV-2001 (first entry)  
DE Human polypeptide, SEQ ID NO: 2859.  
XX  
XX  
KW Human; full length cDNA; cDNA synthesis; oligo-capping.  
XX  
OS Homo sapiens.  
XX  
XX  
FN EP1130094-A2.  
XX  
PD 05-SEP-2001.  
XX  
PF 07-JUL-2000; 2000EP-00114089.  
XX  
PR 08-JUL-1999; 99JP-00194486.  
PR 11-JAN-2000; 2000JP-00118774.  
PR 02-MAY-2000; 2000JP-00183765.  
XX  
PA (HELIX-) HELIX RES INST.  
XX  
PI Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;  
PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;  
XX  
DR N-PSDB; AAK94250.  
XX  
XX  
PT 830 Primers useful for synthesizing full length cDNA clones and their use  
in genetic manipulation.  
XX  
PS Claim 8; SEQ ID NO 2859; 1380pp + Sequence Listing; English.  
XX  
XX  
CC The invention relates to primers for synthesizing full length cDNA  
clones. 830 cDNA molecules encoding a human protein have been isolated  
and nucleotide sequences of 5'- and 3'-ends of the cDNA molecules have  
been determined. Primers for synthesizing the full length cDNA are useful  
for clarifying the function of the protein encoded by the cDNA. The full  
length clones were obtained by construction of full length enriched cDNA  
libraries that were synthesised by the oligo-capping method. The primers  
enable the production of the full length cDNA easily without any special  
methods. The present sequence is a polypeptide encoded by a full length  
human cDNA of the invention. Note: The sequence data for this patent did  
not form part of the printed specification, but was obtained in CD-ROM  
format directly from EPO  
Sequence 144 AA;  
Query Match  
Best Local Similarity 100.0%; Score 784; DB 4; Length 144;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60

DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
QY 61 FFCVMELCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMELCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 8  
AAB76851  
ID AAB76851 standard; protein; 144 AA.  
XX  
XX  
AC AAB76851;  
XX  
XX  
DT 12-APR-2001 (first entry)  
XX  
DE Human lung tumour protein related protein sequence SEQ ID NO:327.  
XX  
DE Human; lung cancer; lung tumour; lung tumour protein; gene therapy;  
KW lung cancer antigen; lung tumour-specific antigen; diagnosis; vaccine;  
KW cytostatic; antisense inhibition.  
XX  
OS Homo sapiens.  
XX  
XX  
FN WC200100828-A2.  
XX  
PD 04-JAN-2001.  
XX  
PF 30-JUN-2000; 2000WO-US018061.  
XX  
PR 30-JUN-1999; 99US-00346492.  
PR 15-OCT-1999; 99US-00419356.  
PR 17-DEC-1999; 99US-00466867.  
PR 30-DEC-1999; 99US-00476300.  
PR 06-MAR-2000; 2000US-00519642.  
PR 22-MAR-2000; 2000US-00533077.  
PR 10-APR-2000; 2000US-00546259.  
PR 27-APR-2000; 2000US-00560406.  
PR 05-JUN-2000; 2000US-00589184.  
XX  
PA (CORI-) CORIXA CORP.  
XX  
XX  
PI Wang T, Bangur CS, Lodes MJ, Fanger GR, Vedvick TS, Carter D;  
PI Ratter MW, Mannion J;  
XX  
XX  
DR WPI; 2001-071488/08.  
XX  
XX  
PT Lung tumor-associated proteins and the nucleic acids that encode them,  
PT useful for preventing, diagnosing and treating lung cancer.  
XX  
PS Example 1; Page 254; 436pp; English.  
XX  
XX  
CC The present invention describes immunogenic portions of lung tumour-  
associated proteins (I) and the nucleic acids (NAs) that encode them. (I)  
have cytostatic activity and can be used in gene therapy, antisense  
inhibition and in vaccines. The NAs and the lung tumour-associated  
proteins they encode may be used in the prevention, treatment and  
diagnosis of diseases associated with their inappropriate expression,  
especially lung cancers. For example, the NAs may be administered to  
treat diseases by rectifying mutations or deletions in a patient's genome  
that affect the activity of the protein by expressing inactive proteins  
or to supplement the patient's own production of (I). Additionally, the  
NAs may be used to produce the lung-tumour associated protein, according  
to standard recombinant DNA methodology. Conversely, antisense NA  
molecules may be administered to down regulate protein expression by  
binding with the cells own genes and preventing their expression. The NA  
and complementary sequences may also be used as DNA probes in diagnostic  
assays to detect and quantitate the presence of similar NA sequences in  
samples, and hence which patients may be in need of treatment for lung

CC cancer. The (I) may be used as antigens in the production of antibodies  
 CC and in assays to identify modulators (agonists and antagonists) of the  
 CC expression and activity of the protein. AAF68083 to AAF68878 and AAF6848  
 CC to AAF76878 represent human lung tumour protein related nucleotide and  
 CC protein sequences which are used in the exemplification of the present  
 CC invention

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 4; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60  
 DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMNADILAYCQEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMNADILAYCQEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

#### RESULT 9

ID AAU83651 standard; protein; 144 AA.

XX AC AAU83651;

XX DT 08-MAY-2002 (first entry)

XX DE Human PRO protein, Seq ID No 120.

XX KW Human; secreted protein; PRO; tumour; lung cancer; colon cancer;  
 KW breast cancer; prostate tumour; rectal tumour; liver tumour;  
 KW pericyte cell proliferation; chondrocyte cell proliferation;  
 KW tumour necrosis factor-alpha.

OS Homo sapiens.

XX WO200208288-A2.

XX 31-JAN-2002.

XX PF 29-JUN-2001; 2001WO-US021066.

XX 20-JUL-2000; 2000US-0219556P.  
 PR 25-JUL-2000; 2000US-0220585P.  
 PR 25-JUL-2000; 2000US-0220605P.  
 PR 25-JUL-2000; 2000US-0220607P.  
 PR 25-JUL-2000; 2000US-0220624P.  
 PR 25-JUL-2000; 2000US-0220638P.  
 PR 25-JUL-2000; 2000US-0220664P.  
 PR 25-JUL-2000; 2000US-0220666P.  
 PR 26-JUL-2000; 2000US-0220893P.  
 PR 28-JUL-2000; 2000US-0220710.  
 PR 01-AUG-2000; 2000US-0222425P.  
 PR 22-AUG-2000; 2000US-0227133P.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 28-NOV-2000; 2000US-0253646P.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 01-MAR-2001; 2001WO-US006666.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.

PR 25-MAY-2001; 2001WO-US017092.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2002-172001/22.

DR N-PSDB; ABK33595.

XX One hundred and twenty two nucleic acids encoding PRO polypeptides,  
 PT useful for treating a PRO related disorder and for diagnosing tumors such  
 PT as lung cancer, colon cancer, breast tumor, prostate tumor, rectal tumor  
 PT or liver tumor.

XX Claim 11; Fig 120; 359pp; English.

XX The invention relates to one hundred and twenty two nucleic acids  
 CC encoding PRO polypeptides. The sequences of the 122 PRO polynucleotides  
 CC encode human secreted proteins. The PRO nucleic acids, polypeptides,  
 CC agonists and antagonists are useful for treating a PRO related disorder.  
 CC The PRO polypeptides are useful for diagnosing tumours, especially lung  
 CC cancer, colon cancer, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. The PRO polypeptides are useful for stimulating the  
 CC proliferation of, or gene expression, in pericyte cells, for stimulating  
 CC the proliferation or differentiation of chondrocyte cells, for  
 CC stimulating the release of tumour necrosis factor-alpha from human blood,  
 CC for stimulating or inhibiting the proliferation of normal human dermal  
 CC fibroblast cells. The PRO polypeptide may also be used as molecular  
 CC weight markers and for tissue typing. The PRO nucleic acids have  
 CC applications in molecular biology, including use as hybridisation probes,  
 CC and in chromosome and gene mapping. AAU83592-AAU83713 represent human PRO  
 CC protein sequences of the invention

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 5; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60

DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMNADILAYCQEGW 120

DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

#### RESULT 10

AAU85506

ID AAU85506 standard; protein; 144 AA.

AC AAU85506;

XX 21-MAY-2002 (first entry)

XX Clone #19110 of lung tumour protein.

XX Lung tumour; cancer; T cell; immune response stimulator; cytostatic.

OS Homo sapiens.

XX WO200204514-A2.

XX 17-JAN-2002.

XX 10-JUL-2001; 2001WO-US022058.

XX

11-JUL-2000; 2000US-00614124.  
29-AUG-2000; 2000US-00651563.  
08-SEP-2000; 2000US-00658824.  
26-SEP-2000; 2000US-00671325.  
06-OCT-2000; 2000US-00677419.  
30-OCT-2000; 2000US-00702705.  
13-DEC-2000; 2000US-00736457.  
03-MAY-2001; 2001US-00849626.  
XX (CORI-) CORIXA CORP.  
XX Wang T, Watanabe Y, Henderson RA, Johnson JC, Retter MW;  
PI Marnerakis M, Carter D, Ranger GR, Vedvick TS, Banqur CS, Mcnabb A;  
PI Wang A, Fanger N, Switzer A, Mcneill PD, Clapper JD;  
XX WPI; 2002-164634/21.  
DR N-PSDB; ABX38061.  
XX Novel polynucleotide encoding a lung tumor polypeptide useful for  
PT stimulating and/or expanding T cells specific for a tumor protein.  
XX Example 1; SEQ ID NO 327; 223pp; English.  
XX The invention describes an isolated polynucleotide and polypeptide useful  
CC for stimulating and/or expanding T cells specific for a tumor protein  
CC for determining the presence of a cancer in a patient. A composition  
CC containing the polynucleotide and/or polypeptide is useful for treating a  
CC lung cancer in a patient. The polypeptide is useful for removing tumor  
CC cells from a biological sample. The polynucleotide is also useful as  
CC probe or primer to detect the level of mRNA encoding a tumor protein.  
CC This is the amino acid sequence of a lung tumor associated protein.  
CC described in the method of the invention. Note: The sequence data for  
CC this patent did not form part of the printed specification, but was  
CC obtained in electronic format directly from WIPO at  
CC ftp.wipo.int/pub/published\_pct\_sequences  
XX Sequence 144 AA;  
SQ  
Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELTKYKPNIDQNTLNPLVLYLHA 60  
Db 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELTKYKPNIDQNTLNPLVLYLHA 60  
QY 61 FFCVNFCAAEWLTGLNPLLAYHWRMSRPVMSGPLGYDPTTMNADILAYCQKEGW 120  
Db 61 FFCVNFCAAEWLTGLNPLLAYHWRMSRPVMSGPLGYDPTTMNADILAYCQKEGW 120  
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144  
RESULT 11  
ABB84817  
ID ABB84817 standard; protein; 144 AA.  
XX  
XX ABB84817;  
AC  
XX 16-MAY-2002 (first entry)  
DT  
DE Human PRO181 protein sequence SEQ ID NO:2.  
DE  
KW Human; angiogenesis; cardiant; cytostatic; antiangiogenic; hypotensive;  
KW vulnerable; antiarteriosclerotic; PRO agonist; PRO antagonist; trauma;  
KW gene therapy; cardiovascular disorder; endothelial disorder; cancer;  
KW angiogenic disorder; cardiac hypertrophy; atherosclerosis; hypertension;  
KW age-related macular degeneration; arterial restenosis; angina;  
KW rheumatoid arthritis; myocardial infarction; thrombophlebitis;  
KW lymphangitis; tumour angiogenesis; breast carcinoma; liver carcinoma;  
KW wound healing; chromosome mapping; gene mapping.

XX Homo sapiens.  
OS WO200200690-A2.  
XX  
XX 03-JAN-2002.  
XX  
PF 20-JUN-2001; 2001WO-US019692.  
XX  
XX 23-JUN-2000; 2000US-0213637P.  
PR 20-JUL-2000; 2000US-0219556P.  
PR 25-JUL-2000; 2000US-0220624P.  
PR 25-JUL-2000; 2000US-0220664P.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 02-AUG-2000; 2000US-0222695P.  
PR 17-AUG-2000; 2000US-00643657.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 07-SEP-2000; 2000US-0230978P.  
PR 18-SEP-2000; 2000US-00664610.  
PR 18-SEP-2000; 2000US-00665350.  
PR 24-OCT-2000; 2000US-0242922P.  
PR 08-NOV-2000; 2000US-00709238.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 22-DEC-2000; 2000WO-US034956.  
PR 22-JAN-2001; 2001US-00767609.  
PR 28-FEB-2001; 2001US-00796498.  
PR 01-MAR-2001; 2001WO-US006520.  
PR 09-MAR-2001; 2001WO-US006666.  
PR 14-MAR-2001; 2001US-00802706.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 30-MAY-2001; 2001WO-US017092.  
PR 30-MAY-2001; 2001US-00870574.  
PR 01-JUN-2001; 2001WO-US017443.  
XX 01-JUN-2001; 2001WO-US017800.  
XX (GETH ) GENENTECH INC.  
PA Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
XX Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Paoni NF;  
PI Stephan JF, Watanabe CK, Williams PM, Wood WI, Ye W;  
XX WPI; 2002-090516/12.  
DR N-PSDB; ABL88072.  
XX  
XX One hundred and eighty seven nucleic acids encoding PRO polypeptides,  
PT useful in diagnosis and treatment of cardiovascular (e.g. myocardial  
PT infarction), endothelial or angiogenic disorders in a mammal.  
XX  
PS Claim 11; Fig 2; 565pp; English.  
XX  
XX ABL88072 to ABL88258 encode the PRO proteins given in ABB84817 to  
CC ABB85003. The PRO proteins and polynucleotides have cardiant, cytostatic,  
CC antiangiogenic, hypotensive, vulnerary and antiarteriosclerotic  
CC activities, and can be used in gene therapy. The PRO polynucleotides,  
CC proteins, agonists and antagonists are useful for treating or diagnosing  
CC a cardiovascular, endothelial or angiogenic disorder in a mammal, e.g.  
CC cardiac hypertrophy, trauma, cancer, age-related macular degeneration,  
CC atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,  
CC angina, myocardial infarctions, thrombophlebitis, lymphangitis, wound  
CC angiogenesis (such as breast carcinoma and liver carcinoma) and tumour  
CC healing. The PRO polynucleotides have applications in molecular biology,  
CC including use as hybridisation probes, and in chromosome and gene  
CC mapping. ABL88259 to ABL88267 represent primers and probes used in the

CC exemplification of the present invention

XX Sequence 144 AA;

SQ Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALFFFAIWHIIAFDELKTDYKNIDQCNTLNPLVPEYLIIHA 60  
DB 1 MAFTFAAFYMLALLTAALFFFAIWHIIAFDELKTDYKNIDQCNTLNPLVPEYLIIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGELVDPPTIMNADILAYCQEGW 120  
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGELVDPPTIMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 12

AAE20143

ID AAE20143 standard; protein; 144 AA.

AC AAE20143;

XX 18-JUN-2002 (first entry)

DE Human cornichon protein (CORN).

XX Human; cornichon protein; CORN; Cushing's syndrome; muscular dystrophy;  
developmental disorder; neoplastic; seizure; reproductive; immunological;  
tubular acidosis; anaemia; polycystic ovary; autoimmune disorder; tumour;  
breast cancer; prostate; testis; epilepsy; neuropathy; Addison's disease;  
ulcerative colitis; spermatogenesis; hypothyroidism; cataract; arthritis;  
infertility; galactorrhea; gynaecomastia; diabetes mellitus; fungicide;  
dermatitis; acquired immunodeficiency syndrome; AIDS; glomerulonephritis;  
atherosclerosis; allergy; asthma; bronchitis; Crohn's disease; auditory;  
gout; Graves' disease; multiple sclerosis; haemodialysis; anticonvulsant;  
trauma; drug screening; ophthalmological; cytostatic; immunosuppressive;  
gynaecological; antitumor; nephrotropic; neuroprotective; antihelminthic;  
antibacterial; tranquilizer; osteoporosis; antiparasitic; protozoacide;  
vulnerary; virucide; gene therapy.

XX Homo sapiens.

XX US6348576-B1.

XX 19-FEB-2002.

XX 02-AUG-1999; 99US-00365705.

XX 14-OCT-1997; 97US-00950168.

XX (INCY-) INCYTE GENOMICS INC.

XX Hillman JL, Corley NC, Shah P;

XX WPI; 2002-266544/31.

XX N-PSDB; AAD31079.

XX New human cornichon protein, useful for diagnosis, prevention and  
treatment of developmental, reproductive, immunological and neoplastic  
disorders and to screen for molecules that bind the protein.

XX Claim 1; Fig 2; 29pp; English.

XX The invention relates to a purified human cornichon protein (CORN). CORN  
is useful for diagnosis, prevention and treatment of developmental,  
reproductive, immunological and neoplastic disorders. Developmental  
disorders include renal tubular acidosis, anaemia, Cushing's syndrome,  
achondroplastic dwarfism, Duchenne and Becker muscular dystrophy.

CC epilepsy, hereditary neuropathies such as Charcot-Marie-Tooth disease,  
neurofibromatosis, hypothyroidism, seizure disorders such as cerebral  
palsy, cataract and sensorineural hearing loss and reproductive disorders  
include disorders of prolactin production, infertility, ovulatory  
defects, endometriosis, disruptions of the oestrous cycle, disruptions of  
the menstrual cycle, polycystic ovary syndrome, endometrial and ovarian  
tumours, autoimmune disorders, ectopic pregnancy, cancer of the breast,  
galactorrhea, disruptions of spermatogenesis, cancer of the testis,  
cancer of the prostate, prostatitis and carcinoma of the male breast and  
gynaecomastia. Immunological disorders include acquired immunodeficiency  
syndrome (AIDS), diabetes mellitus, arthritis, including rheumatoid  
arthritis, osteoarthritis, Addison's disease, allergies, asthma,  
dermatitis, bronchitis, Crohn's disease, ulcerative colitis, atopic  
dermatitis, glomerulonephritis, gout, Graves' disease, multiple  
sclerosis, osteoporosis, autoimmune thyroiditis, complications of cancer,  
haemodialysis and extracorporeal circulation, viral, bacterial, fungal,  
parasitic, protozoal and helminthic infections, and trauma. CORN, is  
catalytic or immunogenic fragments is useful for screening libraries of  
compounds in a variety of drug screening techniques. The present sequence  
is human CORN. CORN gene is useful in gene therapy

XX Sequence 144 AA;

SQ Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALFFFAIWHIIAFDELKTDYKNIDQCNTLNPLVPEYLIIHA 60  
DB 1 MAFTFAAFYMLALLTAALFFFAIWHIIAFDELKTDYKNIDQCNTLNPLVPEYLIIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGELVDPPTIMNADILAYCQEGW 120  
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMRPVMGSGELVDPPTIMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 13

ABG31481

ID ABG31481 standard; protein; 144 AA.

AC ABG31481;

XX 20-NOV-2002 (first entry)

DE Human cornichon protein (CORN).

XX Human; cornichon protein; CORN; bladder cDNA library; BLADNOT04;  
Incyte clone 1318847; developmental disorder; reproductive disorder;  
immunological disorder; autoimmune disorder; neoplastic disorder;  
microarray; cytostatic; antiinflammatory; gynaecological;  
immunosuppressive.

XX Homo sapiens.

XX US2002103342-A1.

XX 01-AUG-2002.

XX 10-JAN-2002; 2002US-00044477.

XX 14-OCT-1997; 97US-00950168.

XX 02-AUG-1999; 99US-00365705.

XX (INCY-) INCYTE PHARM INC.

XX Hillman JL, Corley NC, Shah P;

XX WPI; 2002-690628/74.

XX N-PSDB; ABK91098.

XX New human cornichon protein and polynucleotide for diagnosing, preventing  
PT or treating developmental, reproductive, immunological, and neoplastic  
PT disorders.  
XX  
XX Claim 1; Fig 1; 32pp; English.  
XX  
XX The present invention relates to the isolation of human cornichon protein  
CC (CORN), and the polynucleotide sequence encoding it. The sequences are  
CC isolated from bladder cDNA library (BLADN0T04) Incyte clone 131847. The  
CC polynucleotide and polypeptide sequences for CORN are useful in the  
CC diagnosis, prevention, and treatment of developmental disorders (e.g.  
CC anaemia, renal tubular acidosis, Cushing's syndrome, dwarfism, epilepsy,  
CC hypothyroidism, glaucoma, sensorineural hearing loss and cataract),  
CC reproductive disorders (e.g. disorders of prolactin production,  
CC infertility, endometriosis, polycystic ovary syndrome, endometrial and  
CC ovarian tumours, ectopic pregnancy, prostate cancer, prostatitis, and  
CC carcinoma of the male breast and gynaecomastia), immunological disorders  
CC (e.g. autoimmune disorders, acquired immunodeficiency syndrome (AIDS),  
CC adult respiratory distress syndrome, Addison's disease, allergies,  
CC anaemia, asthma, atherosclerosis, gout, myocardial or pericardial  
CC inflammation, osteoporosis, rheumatoid arthritis, scleroderma, systemic  
CC lupus erythematosus, ulcerative colitis, haemodialysis, Crohn's disease,  
CC atopic dermatitis, autoimmune thyroiditis, diabetes mellitus, Graves'  
CC disease, glomerulonephritis, viral, bacterial, fungal, parasitic,  
CC protozoal, helminthic infections and trauma), and neoplastic disorders  
CC (e.g. adenocarcinoma, leukaemia, lymphoma, melanoma, and various  
CC cancers). CORN, fragments of CORN, and antibodies specific for CORN are  
CC useful as elements on a microarray which is useful to monitor or measure  
CC protein-protein interactions, drug-target interactions and gene  
CC expression profiles. The present sequence represents human CORN  
XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWTLGLNMPLLAVHWRVMSRPMVSGPGLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWTLGLNMPLLAVHWRVMSRPMVSGPGLYDPTTINADILAYCQKEGW 120  
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
RESULT 14  
ABB95423  
ID ABB95423 standard; protein; 144 AA.  
AC ABB95423;  
XX  
XX 19-JUL-2002 (first entry)  
XX  
XX Human angiogenesis related protein PRO181 SEQ ID NO: 2.  
XX  
XX Human; angiogenesis; PRO protein; cardiovascularisation; wound; cancer;  
XX atherosclerosis; cardiac hypertrophy; gene therapy; endothelial disorder;  
XX cardiatic; cyrostatic; antiangiogenic; hypotensive; vulnerary;  
XX antiarteriosclerotic.  
XX  
XX Homo sapiens.  
XX  
XX WO200208284-A2.  
XX  
XX 31-JAN-2002.  
XX  
XX 09-JUL-2001; 2001WO-US021735.

XX 20-JUL-2000; 2000US-0219556P.  
PR 25-JUL-2000; 2000US-0220624P.  
PR 25-JUL-2000; 2000US-0220664P.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 02-AUG-2000; 2000US-0222695P.  
PR 17-AUG-2000; 2000US-00643657.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 07-SEP-2000; 2000US-0230978P.  
PR 18-SEP-2000; 2000US-00664610.  
PR 18-SEP-2000; 2000US-00665350.  
PR 24-OCT-2000; 2000US-0242922P.  
PR 08-NOV-2000; 2000US-00709238.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 22-JAN-2001; 2001US-00767609.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 30-MAY-2001; 2001US-00870574.  
PR 30-MAY-2001; 2001WO-US017443.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
XX  
XX (GETH ) GENENTECH INC.  
XX (BAKE/) BAKER K P.  
XX (FERR/) FERRARA N.  
XX (GERB/) GERBER H.  
XX (GERR/) GERRITSEN M E.  
XX (GODD/) GODDARD A.  
XX (GODO/) GODOWSKI P J.  
XX (GURN/) GURNEY A L.  
XX (HILL/) HILLAN K J.  
XX (MARS/) MARSTERS S A.  
XX (PANJ/) PAN J.  
XX (PAON/) PAONI N F.  
XX (STEP/) STEPHAN J F.  
XX (WATA/) WATANABE C K.  
XX (WILL/) WILLIAMS P M.  
XX (WOOD/) WOOD W I.  
XX  
XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
XX Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Paoni NF;  
XX Stephan JF, Watanabe CK, Williams PM, Wood WI, Ye W;  
XX  
XX WPI; 2002-171999/22.  
XX N-PSDE; ABL95561.  
XX  
XX One hundred and eighty seven nucleic acids encoding PRO polypeptides,  
XX useful in diagnosis and treatment of cardiovascular (e.g. myocardial  
XX infarction), endothelial or angiogenic disorders in a mammal.  
XX  
XX Claim 11; Fig 2; 567pp; English.  
XX  
XX The present invention provides the protein and coding sequences of human  
XX proteins. These are useful for treating or diagnosing a  
XX cardiovascular, endothelial or angiogenic disorder, including cardiac  
XX hypertrophy, trauma, cancer, age-related macular degeneration,  
XX atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,  
XX angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour

CC angiogenesis (such as breast carcinoma and liver carcinoma) and wound  
CC healing. The present sequence is a PRO protein of the invention  
XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLIHA 60  
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
RESULT 15  
ABU80798  
ID ABU80798 standard; protein; 144 AA.  
XX  
AC ABU80798;  
XX  
DT 23-JUN-2003 (first entry)  
XX  
DE Human PRO polypeptide #60.  
XX  
KW Human; PRO polypeptide; secreted and transmembrane protein;  
KW anti-PRO antibody; diagnostic assay; gene expression; tumour; cytostatic.  
XX  
OS Homo sapiens.  
XX  
FN US2003036635-A1.  
XX  
PD 20-FEB-2003.  
XX  
PF 28-AUG-2002; 2002US-00230163.  
XX  
PR 25-JUL-2000; 2000US-0220638P.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-APR-2002; 2002US-00119480.  
XX  
FA (GETH ) GENENTECH INC.  
XX  
PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;  
XX  
DR WPT; 2003-342045/32.  
DR N-PSDB; ACA66900.  
XX  
PT One hundred and twenty two nucleic acids encoding PRO polypeptides,  
PT useful for the manufacture of a medicament for diagnosing or treating  
PT tumor.  
XX  
PS Claim 11; Fig 120; 314pp; English.  
XX  
CC The present invention relates to the isolation of novel human PRO  
CC polypeptides, and the polynucleotide sequences encoding them. The PRO  
CC polypeptides are secreted and transmembrane proteins. The PRO  
CC polypeptides and polynucleotides are useful for preparing a medicament  
CC useful in the diagnosis and treatment of tumours. Anti-PRO antibodies are  
CC useful in diagnostic assays for PRO, by detecting its expression in  
CC specific cells, tissues or serum, and for affinity purification of PRO  
CC from recombinant cell culture or natural sources. ABU80739-ABU80860  
CC represent the human PRO polypeptides of the invention. Note: The sequence  
CC data for this patent was obtained in electronic format directly from the  
CC USPTO web site at [seqdata.uspto.gov/psipdsIDentry.html](http://seqdata.uspto.gov/psipdsIDentry.html)

XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 6; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLIHA 60  
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
RESULT 16  
ABO25234  
ID ABO25234 standard; protein; 144 AA.  
XX  
AC ABO25234;  
XX  
DT 09-SEP-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein PRO181.  
XX  
KW Human; secreted and transmembrane protein; PRO; virucide; gene therapy;  
KW cell death; growth induction cascade; blood coagulation cascade;  
KW viral infection.  
XX  
OS Homo sapiens.  
XX  
FN US2003050239-A1.  
XX  
PD 13-MAR-2003.  
XX  
PF 15-OCT-2001; 2001US-00978191.  
XX  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.

PR 01-APR-1998; 98US-080334P.  
PR 08-APR-1998; 98US-081049P.  
PR 08-APR-1998; 98US-081070P.  
PR 08-APR-1998; 98US-081071P.  
PR 09-APR-1998; 98US-081195P.  
PR 09-APR-1998; 98US-081203P.  
PR 09-APR-1998; 98US-081229P.  
PR 15-APR-1998; 98US-081817P.  
PR 15-APR-1998; 98US-081819P.  
PR 15-APR-1998; 98US-081838P.  
PR 15-APR-1998; 98US-081952P.  
PR 15-APR-1998; 98US-081955P.  
PR 21-APR-1998; 98US-082568P.  
PR 21-APR-1998; 98US-082569P.  
PR 22-APR-1998; 98US-082700P.  
PR 22-APR-1998; 98US-082704P.  
PR 22-APR-1998; 98US-082797P.  
PR 23-APR-1998; 98US-082804P.  
PR 23-APR-1998; 98US-082796P.  
PR 27-APR-1998; 98US-083336P.  
PR 28-APR-1998; 98US-083322P.  
PR 29-APR-1998; 98US-083392P.  
PR 29-APR-1998; 98US-083495P.  
PR 29-APR-1998; 98US-083496P.  
PR 29-APR-1998; 98US-083499P.  
PR 29-APR-1998; 98US-083500P.  
PR 29-APR-1998; 98US-083545P.  
PR 29-APR-1998; 98US-083554P.  
PR 29-APR-1998; 98US-083558P.  
PR 29-APR-1998; 98US-083559P.  
PR 30-APR-1998; 98US-083742P.  
PR 05-MAY-1998; 98US-084366P.  
PR 06-MAY-1998; 98US-084414P.  
PR 06-MAY-1998; 98US-084441P.  
PR 07-MAY-1998; 98US-084598P.  
PR 07-MAY-1998; 98US-084600P.  
PR 07-MAY-1998; 98US-084627P.  
PR 07-MAY-1998; 98US-084637P.  
PR 07-MAY-1998; 98US-084639P.  
PR 07-MAY-1998; 98US-084640P.  
PR 07-MAY-1998; 98US-084643P.  
PR 13-MAY-1998; 98US-085323P.  
PR 13-MAY-1998; 98US-085338P.  
PR 13-MAY-1998; 98US-085339P.  
PR 15-MAY-1998; 98US-085573P.  
PR 15-MAY-1998; 98US-085579P.  
PR 15-MAY-1998; 98US-085580P.  
PR 15-MAY-1998; 98US-085582P.  
PR 15-MAY-1998; 98US-085689P.  
PR 15-MAY-1998; 98US-085697P.  
PR 15-MAY-1998; 98US-085700P.  
PR 18-MAY-1998; 98US-086023P.  
PR 22-MAY-1998; 98US-086392P.  
PR 22-MAY-1998; 98US-086414P.  
PR 22-MAY-1998; 98US-086430P.  
PR 22-MAY-1998; 98US-086486P.  
PR 28-MAY-1998; 98US-087098P.  
PR 28-MAY-1998; 98US-087106P.  
PR 28-MAY-1998; 98US-087208P.  
PR 26-JUN-1998; 98US-09105413.  
PR 26-JUN-1998; 98US-090863P.  
PR 26-JUN-1998; 98US-091010P.  
PR 01-JUL-1998; 98US-091359P.  
PR 30-JUL-1998; 98US-094651P.  
PR 11-SEP-1998; 98US-010038P.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98US-0021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98US-0024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 05-JAN-1999; 99US-00254465.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 12-APR-1999; 99US-00284231.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146222P.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031274.  
PR 30-DEC-1999; 99WO-US031283.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816940.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
PR (GETH ) GENENTECH INC. XX PA



XX Ashkenazi AJ, Baker KP, Bolstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 17  
 ABO33764  
 ID ABO33764 standard; protein; 144 AA.  
 XX  
 AC ABO33764;  
 DT 17-SEP-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; cytostatic;  
 KW antiarthritic; osteopathic; gene therapy; TNF-Agonist-Alpha;  
 KW chondrocyte stimulator; pericyte stimulator; fibroblast modulator;  
 KW pharmaceutical; diagnostic; biosensor; bioreactor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; bone disorder; cartilage disorder; sports injury;  
 KW arthritis; wound.  
 XX  
 OS Homo sapiens.  
 XX  
 DN US2003045687-A1.  
 XX  
 PD 06-MAR-2003.  
 XX  
 PF 12-AUG-2002; 2002US-00218631.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI; 2003-512315/48.  
 DR N-PSDB; ACD68652.  
 XX  
 PT New genes, and its encoded secreted and transmembrane polypeptides,  
 PT useful for stimulating Tumor Necrosis Factor alpha, or chondrocyte or  
 PT pericyte proliferation, especially for treating lung tumors, arthritis or  
 PT wounds in a mammal.  
 XX  
 XX Claim 11; Fig 120; 314pp; English.  
 PS  
 CC The invention describes an isolated nucleic acid molecule comprising a  
 CC sequence with at least 80% identity to: (a) a nucleotide encoding any of  
 CC 122 PRO (secreted and transmembrane) polypeptides whose sequences are  
 CC fully defined in the specification; or (b) any of 122 nucleotide  
 CC sequences having e.g. 4834, 2504 or 1759 bp fully defined in the  
 CC specification; or the full length coding sequence of any these 122  
 CC nucleotide sequences. The PRO polypeptides or polynucleotides are useful

CC as pharmaceuticals, diagnostics, biosensors or bioreactors. These are  
 CC particularly useful for detecting tumours (e.g. lung tumour, colon  
 CC tumour, breast tumour, prostate tumour, rectal tumour, or liver tumour)  
 CC in a mammal, for stimulating the release of TNF-alpha from human blood,  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells, for stimulating proliferation of pericyte cells, or for modulating  
 CC normal human dermal fibroblast proliferation. The PRO nucleic acid or  
 CC polypeptide is also useful for treating tumours or various bone and/or  
 CC cartilage disorders (e.g. sports injuries or arthritis), or wounds. The  
 CC PRO polypeptides are useful in drug screening, particularly as targets  
 CC for therapeutic intervention in these diseases, and in the diagnostic  
 CC determination of the presence of these diseases. The PRO polypeptides are  
 CC also useful as molecular weight markers, or for chromosome  
 CC identification. The PRO genes are useful as hybridisation probes, or for  
 CC screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may  
 CC also be used in gene therapy, particularly for replacing a defective  
 CC gene. This is the amino acid sequence of a novel human secreted and  
 CC transmembrane PRO polypeptide  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 18  
 ABUT2240  
 ID ABUT2240 standard; protein; 144 AA.  
 XX  
 AC ABUT2240;  
 XX  
 DT 16-JUN-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; antiinflammatory;  
 KW antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytostatic;  
 KW antidiabetic; gene therapy; inflammatory disease; organ failure;  
 KW atherosclerosis; cardiac injury; infertility; birth defect;  
 KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;  
 KW gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;  
 KW tissue typing.  
 XX  
 OS Homo sapiens.  
 XX  
 DN US2002192706-A1.  
 XX  
 PD 19-DEC-2002.  
 XX  
 PF 24-OCT-2001; 2001US-00999832.  
 XX  
 PR 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 11-MAR-1998; 98US-0077649P.  
 PR 12-MAR-1998; 98US-0077791P.

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PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078866P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079668P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080344P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082688P.
PR 21-APR-1998; 98US-0082698P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 20-OCT-1998; 98US-0021141.
PR 20-NOV-1998; 98US-0024855.
PR 05-JAN-1999; 99US-0000106.
PR 08-MAR-1999; 99US-0005028.
PR 10-MAR-1999; 99US-0005190.
PR 14-MAY-1999; 99US-0010733.
PR 02-JUN-1999; 99US-0012252.
PR 30-NOV-1999; 99US-0028313.
PR 02-DEC-1999; 99US-0028551.
PR 16-DEC-1999; 99US-0028565.
PR 30-DEC-1999; 99US-0030095.
PR 30-DEC-1999; 99US-0031243.
PR 05-JAN-2000; 99US-0031274.
PR 06-JAN-2000; 2000US-0000219.
PR 06-JAN-2000; 2000US-0000277.
PR 11-FEB-2000; 2000US-0000376.
PR 18-FEB-2000; 2000US-0003565.
PR 24-FEB-2000; 2000US-0004341.
PR 02-MAR-2000; 2000US-0005004.
PR 10-MAR-2000; 2000US-0005841.
PR 21-MAR-2000; 2000US-0006319.
PR 30-MAR-2000; 2000US-0007532.
PR 30-MAR-2000; 2000US-0008439.
PR 17-MAY-2000; 2000US-0013705.
PR 22-MAY-2000; 2000US-0014042.
PR 30-MAY-2000; 2000US-0014941.
PR 02-JUN-2000; 2000US-0015264.
PR 28-JUL-2000; 2000US-0020710.
PR 24-AUG-2000; 2000US-0023328.
PR 01-DEC-2000; 2000US-0032678.
PR 20-DEC-2000; 2000US-0034956.
PR 28-FEB-2001; 2001US-0005620.

PR 22-MAR-2001; 2001US-0009552.
PR 25-MAY-2001; 2001US-0017092.
PR 01-JUN-2001; 2001US-0017800.
PR 20-JUN-2001; 2001US-0019692.
PR 29-JUN-2001; 2001US-0021066.
PR 09-JUL-2001; 2001US-0021735.
XX (GETH ) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,
PI Ferrara N, Fillvaroff E, Fong S, Gao W, Gerber H, Gerritsen MB;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KU;
PI Kljavin LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
XX WPI; 2003-328860/31.
DR N-PSDB; ACA63732.
XX
XX New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
XX Claim 12; Fig 129; 453pp; English.
XX
XX The invention describes an isolated nucleic acid (1) comprising, or which
CC is at least 80 % sequence identity to, or the full-length coding sequence
CC of, any of 118 300-2100 nucleotide sequences, which encodes its
CC corresponding PRO polypeptide selected from 118 100-700 amino acid
CC sequences, all given in the specification. The nucleic acids and
CC polypeptides are useful for treating inflammatory diseases, organ
CC failure, atherosclerosis, cardiac injury, infertility, birth defects,
CC premature aging, AIDS, cancer, or diabetic complications. The nucleic
CC acids are useful as hybridisation probes, in chromosome and gene mapping,
CC and in generating antisense RNA or DNA. The polypeptides are useful as
CC pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful
CC in tissue typing. This is the amino acid sequence of a novel human
CC secreted and transmembrane PRO polypeptide
XX
XX Sequence 144 AA;
SQ
Query Match 100.0%; Score 784; DB 6; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60
DB 1 MAFTFAAFYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60
QY 61 FFCVMFLCAAEWLTLGLNPLLYAYHIWYMRPVMSPGSLYDPTTMMADILAYCQKSGW 120
DB 61 FFCVMFLCAAEWLTLGLNPLLYAYHIWYMRPVMSPGSLYDPTTMMADILAYCQKSGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144
RESULT 19
ABU07410
ID ABU07410 standard; protein; 144 AA.
XX
XX AC ABU07410;
XX
XX DT 28-JAN-2003 (first entry)
XX
XX DE Protein differentially regulated in prostate cancer #13.
XX
XX KW Prostate cancer; gene expression; differential regulation;
KW molecular marker; drug target; cancer detection; cancer diagnosis;
KW cancer staging; cancer grading; cancer assessing; cancer monitoring.
XX
XX OS Homo sapiens.

```

XX WO200281638-A2.  
XX 17-OCT-2002.  
XX 08-APR-2002; 2002WO-US010824.  
XX 06-APR-2001; 2001US-0281731P.  
XX 06-APR-2001; 2001US-0281732P.  
XX (ORIG-) ORIGENE TECHNOLOGIES INC.  
XX Sun Z, Jay G;  
XX WPI; 2003-058520/05.  
XX Novel genes which are differentially regulated in prostate cancer, useful  
XX for diagnosing prostate cancer in prostate tissue sample and assessing  
XX therapeutic or preventive intervention in prostate cancer patients.  
XX Claim 1; Page 234-235; 416pp; English.  
XX The invention describes genes (I) which are differentially regulated in  
XX prostate cancer. (I) is useful for diagnosing a prostate cancer in a  
XX sample comprising prostate tissue, which involves determining the number  
XX of target genes which are differentially-regulated in the sample, where  
XX the number is indicative of the probability that the sample comprises  
XX prostate cancer. (I) is useful for assessing a therapeutic or preventive  
XX intervention in a subject having a prostate cancer, which involves  
XX determining the expression levels in a sample comprising prostate tissue  
XX of target genes which are differentially-regulated in prostate cancer.  
XX Preferably, the expression levels of at least 10 genes are determined.  
XX (I) is also useful for identifying agents that modulate a biological  
XX activity of a polypeptide differentially-regulated in prostate cancer  
XX cells, which involves contacting a polypeptide differentially-regulated  
XX in prostate cancer cells with a test agent under conditions effective for  
XX the test agent to modulate a biological activity of the polypeptide, and  
XX determining whether the test agent modulates the biological activity. (I)  
XX is useful as molecular markers, as drug targets, and for detecting,  
XX diagnosing, staging, grading, assessing, monitoring, prognosticating,  
XX preventing or treating, determining predisposition to diseases and  
XX conditions especially relating to prostate cancer. (I) and its expression  
XX products are used in the diagnostic test to assay for presence of cancer  
XX e.g., in tissue sections, in biopsy sample, in total RNA, in lymph, in  
XX blood etc. (I) is useful for assessing cancer e.g., to determine the type  
XX of cancer, its stage of development, the nature of genetic defect, etc.  
XX The polypeptide encoded by (I) can be used as target for therapy or drug  
XX discovery. (I) can also be used for expressing the polypeptide and thus  
XX for searching specific binding partners of the polypeptide. (I) is useful  
XX in therapeutic applications to treat prostate cancer. The identification  
XX of specific genes, and groups of genes, expressed in pathways  
XX physiologically relevant to prostate cancer permits the definition of  
XX functional and disease pathways and the delineation of targets in these  
XX pathways which are useful in diagnostic, therapeutic, and clinical  
XX applications. This is the amino acid sequence of a protein differentially  
XX regulated in prostate cancer  
XX Sequence 144 AA;  
Query Match 100.0%; Score 784; DE 6; Length 144;  
Best Local Similarity 100.0%; Pred. NO. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFYLLALLTAALIFFAWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
DB 1 MAFTFAAFYLLALLTAALIFFAWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
QY 61 FFCVNFPLCAEWLTGLNNMPLLAYHWYMSRPMVSGPGLYDPTTMMADILAYCQKGG 120  
DB 61 FFCVNFPLCAEWLTGLNNMPLLAYHWYMSRPMVSGPGLYDPTTMMADILAYCQKGG 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
|||||

DB 121 CKLAFYLLAFFYLYGMIVLVSS 144  
RESULT 20  
ABU84920  
ID ABU84920 standard; protein; 144 AA.  
XX  
XX AC ABU84920;  
XX  
XX DT 12-AUG-2003 (first entry)  
XX  
XX DE Human secreted and transmembrane polypeptide PRO181.  
XX  
XX KW Human; thrombolytic agent; interferon; interleukin; cytokine;  
XX KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;  
XX KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;  
XX KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;  
XX KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;  
XX KW hypertension; myocardial ischaemia; kidney disease; carcinogenesis;  
XX KW glomerulonephritis; lung disease; pulmonary hypertension; preeclampsia;  
XX KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;  
XX KW inflammatory bowel disease; reproductive disorder; premature labour.  
XX OS Homo sapiens.  
XX US2002177553-A1.  
XX PD 28-NOV-2002.  
XX  
XX 15-OCT-2001; 2001US-00978192.  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-0080220P.  
PR 20-MAR-1998; 98US-0078866P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 07-JUN-1998; 98US-00105413.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98WO-US021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98WO-US024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 05-JAN-1999; 98WO-US000106.  
PR 05-MAR-1999; 98US-00254465.  
PR 08-MAR-1999; 99WO-US0005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-APR-1999; 99US-00284291.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 25-AUG-1999; 99US-00380142.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 02-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US003565.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 24-FEB-2000; 2000WO-US005044.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 10-MAR-2000; 2000WO-US006319.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015284.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000US-00709238.  
 PR 27-NOV-2000; 2000US-00723749.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 22-MAR-2001; 2001US-00816920.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918595.  
 (GETH ) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Pacini NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams FK, Wood WI;  
 XX WPI; 2003-328499/31.  
 DR N-PSDB; ACA71896.

New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying modulators of receptor-ligand interactions.

Claim 12; SEQ ID NO 322; 55pp; English.

The invention relates to an isolated secreted and transmembrane polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful in PRO polypeptide detection methods. The PRO polypeptide is useful for linking a bioactive molecule to a cell. The PRO polypeptide or an antibody against it is useful for modulating a biological activity of a cell. The PRO polypeptide is useful in industrial applications including pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO polypeptide is also useful as a thrombolytic agent, interferon, interleukin, erythropoietin, colony stimulating factor and other

CC cytokines. The PRO polypeptide is useful for treating disease such as  
 CC cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,  
 CC amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,  
 CC atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,  
 CC Parkinson's disease; cardiovascular disease e.g. hypertension and  
 CC myocardial ischaemia; kidney disease e.g. renal failure and  
 CC glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial  
 CC asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory  
 CC bowel disease; reproductive disorders e.g. premature labour and  
 CC preclampsia; carcinogenesis. The present sequence represents the amino  
 CC acid sequence of a PRO polypeptide of the invention. Note: The sequence  
 CC data for this patent did not form part of the printed specification but  
 CC was obtained in electronic format directly from USPTO at  
 CC seqdata.uspto.gov/sequence.html?DocID=20020177553  
 XX

SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIMHIIAFDELKTDYKNPIDOCNTLNPLVLEIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALIFFAIMHIIAFDELKTDYKNPIDOCNTLNPLVLEIHA 60  
 QY 61 FFCVMFLCAAEBWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEG 120  
 DB 61 FFCVMFLCAAEBWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEG 120  
 QY 121 CKLAFYLLAFYLYGMYLVSS 144  
 DB 121 CKLAFYLLAFYLYGMYLVSS 144

RESULT 21

ABU61118  
 ID ABU61118 standard; protein; 144 AA.

AC ABU61118;

DT 08-MAY-2003 (first entry)

DE Human PRO181 polypeptide.

KW Human; PRO polypeptide; secreted and transmembrane protein;  
 KW immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia;  
 KW cardiac insufficiency; nervous system disorder; kidney disorder;  
 KW bone disorder; cartilage disorder; arthritis; tumour; wound healing;  
 KW genetic disorder; cytostatic; antidiabetic; antiinflammatory;  
 KW antiarthritic; anti-tumour; vulnery; antianaemic; dermatological;  
 KW cardiant.

OS Homo sapiens.

XX US2002169284-A1.

XX 14-NOV-2002.

XX 16-OCT-2001; 2001US-00978697.

XX 26-MAY-1981; 81US-00267213.

XX 17-OCT-1997; 97US-0062250P.

XX 03-NOV-1997; 97US-0064249P.

XX 13-NOV-1997; 97US-0065311P.

XX 21-NOV-1997; 97US-0066364P.

XX 10-MAR-1998; 98US-0077450P.

XX 11-MAR-1998; 98US-0077632P.

XX 11-MAR-1998; 98US-0077641P.

XX 12-MAR-1998; 98US-0077649P.

XX 13-MAR-1998; 98US-0077791P.

XX 17-MAR-1998; 98US-0078004P.

XX 20-MAR-1998; 98US-00040220.

XX 20-MAR-1998; 98US-0078886P.

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PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 26-JUN-1998; 98US-00105413.
PR 07-OCT-1998; 98US-00168978.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-00204855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 05-JAN-1999; 98US-00200106.
PR 05-MAR-1999; 98US-00254465.
PR 08-MAR-1999; 98US-00305028.
PR 10-MAR-1999; 98US-00265686.
PR 12-APR-1999; 98US-0005190.
PR 14-MAY-1999; 98US-00311832.
PR 14-MAY-1999; 98US-00107033.
PR 02-JUN-1999; 98US-0012252.
PR 25-AUG-1999; 98US-00380137.
PR 25-AUG-1999; 98US-00380138.
PR 30-NOV-1999; 98US-00380142.
PR 02-DEC-1999; 98US-0028551.
PR 02-DEC-1999; 98US-0028565.
PR 16-DEC-1999; 98US-0030095.
PR 30-DEC-1999; 98US-0031274.
PR 05-JAN-2000; 98US-000219.
PR 06-JAN-2000; 2000US-0000277.
PR 06-JAN-2000; 2000US-0000376.
PR 11-FEB-2000; 2000US-0003565.
PR 18-FEB-2000; 2000US-0004341.
PR 24-FEB-2000; 2000US-0005004.
PR 02-MAR-2000; 2000US-0005841.
PR 10-MAR-2000; 2000US-0006319.
PR 21-MAR-2000; 2000US-0007532.
PR 30-MAR-2000; 2000US-0008439.
PR 17-MAY-2000; 2000US-0013705.
PR 22-MAY-2000; 2000US-0014042.
PR 30-MAY-2000; 2000US-0014941.
PR 02-JUN-2000; 2000US-0015264.
PR 28-JUL-2000; 2000US-0020710.
PR 24-AUG-2000; 2000US-0023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000US-0032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000US-0034956.
PR 28-FEB-2001; 2001US-0006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001US-0009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001US-0017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001US-0017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-0019692.
PR 29-JUN-2001; 2001US-0021066.

PR 09-JUL-2001; 2001US-00211735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH ) GENENTECH INC.
XX Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D,
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavir IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-288163/28.
DR N-PSDB; ABX92536.
XX
XX Novel secreted and transmembrane polypeptides and polynucleotides
PT encoding them useful for treating cancer, kidney diseases, bone,
PT cartilage disorders and immune deficiencies.
XX
PS Claim 12; Fig 129; 459pp; English.
XX
XX The present invention relates to the isolation of novel human PRO
CC polypeptides, and the polynucleotide sequences encoding them. The PRO
CC polypeptides are secreted and transmembrane proteins. The PRO
CC polypeptides are useful for detecting other PRO polypeptides, for linking
CC bioactive molecules to cells expressing PRO polypeptides, for modulating
CC biological activities of cells expressing PRO polypeptides, and for
CC identifying agonists or antagonists. The bioactive molecule may be a
CC toxin, radiolabel or antibody, and causes apoptosis or death of the cell.
CC The PRO polypeptides are useful for treating immune disorders, diabetes
CC or hyper- or hypo-insulinaemia, cardiac insufficiency, nervous system
CC disorders, kidney disorders, bone and cartilage disorders or arthritis,
CC tumours, and wound healing. The polynucleotide sequences encoding PRO
CC polypeptides are useful as hybridisation probes, in chromosome and gene
CC mapping, in the generation of antisense RNA and DNA, in the preparation
CC of PRO polypeptides, for generating transgenic animals or knockout
CC animals, for the genetic analysis of individuals with genetic disorders,
CC and in gene therapy. ABU61071-ABU61164 represent the human PRO
CC polypeptides of the invention. Note: The sequence data for this patent
CC was obtained in electronic format directly from the USPTO web site at
CC seqdata.uspto.gov/psipsdIDentry.html
XX
SQ Sequence 144 AA;
Query Match 100.0%; Score 784; DB 6; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCOKEGW 120
Qy 121 CKLAFYLLAFYLYGMYIVLVSS 144
Db 121 CKLAFYLLAFYLYGMYIVLVSS 144
RESULT 22
ABU69478
ID ABU69478 standard; protein; 144 AA.
XX
AC ABU69478;
XX
XX 05-JUN-2003 (first entry)
XX Human lung cancer associated cDNA #19110 protein.
XX
XX Human; lung cancer; lung tumour; cytostatic; vaccine; T cell expansion;
XX CD4; CD8.

```

OS Homo sapiens.  
 XX US2002197669-A1.  
 XX 26-DEC-2002.  
 XX 03-MAY-2001; 2001US-00849626.  
 XX 13-DEC-2000; 2000US-00736457.  
 XX (BANG/) BANGUR C S.  
 PA (FANG/) FANGER G R.  
 PA (WANG/) WANG A.  
 PA (WANG/) WANG T.  
 PA (SWIT/) SWITZER A P.  
 PA (MCNE/) MCNEILL P D.  
 PA (CLAP/) CLAPPER J D.  
 XX  
 XX Bangur CS, Fanger GR, Wang A, Wang T, Switzer AP, McNeill PD;  
 PI Clapper JD;  
 PI  
 XX WPI; 2003-352750/33.  
 DR N-PSDB; ACA10390.  
 XX  
 XX Novel lung cancer polynucleotide encoding lung cancer protein, useful for  
 PT detecting the presence of lung cancer in a patient, and in pharmaceutical  
 PT compositions, e.g. vaccines, for treating lung cancer.  
 XX  
 XX Example 1; Page; 72pp; English.  
 XX  
 XX The invention relates to a polynucleotide encoding a lung tumour protein,  
 CC comprising a sequence selected from any of the 14 sequences mentioned in  
 CC the specification, or a sequence (S2) mentioned in specification.  
 CC complement of S1, sequences consisting of at least 20 contiguous residues  
 CC of S1, sequences that hybridise to S1, sequences having 75%, preferably  
 CC 90%, identity to S1, or degenerate variants of S1. Also included are an  
 CC isolated polypeptide (comprising a sequence (S3) selected from any one of  
 CC the 4 amino acid sequences mentioned in the specification, a sequence  
 CC encoded by the polynucleotide, or sequences having at least 70%,  
 CC preferably 90%, identity to a sequence encoded by the polynucleotide), an  
 CC expression vector comprising the polynucleotide operably linked to an  
 CC expression control sequence, a host cell transformed or transfected with  
 CC the vector, an isolated antibody (or its antigen-binding fragment) that  
 CC specifically binds to the polypeptide, detecting the presence of a cancer  
 CC in a patient, a fusion protein comprising the polypeptide, an  
 CC oligonucleotide that hybridises to S1 under moderately stringent  
 CC conditions, stimulating and/or expanding T cells specific for a tumour  
 CC protein (comprising contacting T cells with the polynucleotide, protein  
 CC or antigen-presenting cells, under conditions and for a time sufficient  
 CC to permit the stimulation and/or expansion of T cells) and inhibiting the  
 CC development of a cancer in a patient (by incubating CD4<sup>+</sup> and/or CD8<sup>+</sup> T  
 CC cells isolated from a patient with the polynucleotide, protein or antigen  
 CC presenting cells that express the polynucleotide, such that T cells  
 CC proliferate, administering to the patient an effective amount of the  
 CC patient. The polynucleotide, protein and cells are useful in a  
 CC composition for stimulating an immune response in a patient, and for  
 CC treating a cancer in a patient (particularly lung cancer). The  
 CC polynucleotide is useful for determining the presence of a cancer in a  
 CC patient. The protein and oligonucleotides are useful in pharmaceutical  
 CC compositions, e.g. vaccines. The polynucleotide is also useful as a probe  
 CC or primer for nucleic acid hybridisation, and in the design and  
 CC preparation of ribozyme molecules for inhibiting expression of tumour  
 CC polypeptides and proteins in tumour cells. An amplified portion of the  
 CC polynucleotide is useful for isolating a full-length gene from a suitable  
 CC library. The present sequence is a protein encoded by a cDNA (full  
 CC length, extended or partial) isolated from a library derived from lung  
 CC tumour/ cancer cells. Note: The sequence data for this patent did not  
 CC form part of the printed specification, but was obtained in electronic  
 CC format directly from the USPTO at  
 CC seqdata.uspto.gov/sequence.html?DocId=20020157669  
 XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAACYMLALALTTAALFFAIIHIADELAKTDYKNPIDOCTNLNPLVLYLHA 60  
 Db 1 MAFTFAACYMLALALTTAALFFAIIHIADELAKTDYKNPIDOCTNLNPLVLYLHA 60  
 QY 61 FFCVMFLCAAEWLTLGLNNPLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKEG 120  
 Db 61 FFCVMFLCAAEWLTLGLNNPLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKEG 120  
 QY 121 CKLAFYLLAFAFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFAFYLYGMIYVLVSS 144  
 RESULT 23  
 ABU66380  
 ID ABU66380 standard; protein; 144 AA.  
 XX  
 AC ABU66380;  
 XX  
 DT 22-MAY-2003 (first entry)  
 XX  
 DE Lung cancer therapy and diagnosis associated protein #4.  
 XX  
 KW Lung cancer; cytostatic; vaccine; gene therapy; cancer.  
 OS Homo sapiens.  
 XX  
 PN US2002172952-A1.  
 XX  
 PD 21-NOV-2002.  
 XX  
 PF 10-JUL-2001; 2001US-00902941.  
 PR 30-JUN-1999; 99US-00346492.  
 PR 15-OCT-1999; 99US-00419356.  
 PR 17-DEC-1999; 99US-00466867.  
 PR 30-DEC-1999; 99US-00476300.  
 PR 06-MAR-2000; 2000US-00519642.  
 PR 22-MAR-2000; 2000US-00533077.  
 PR 10-APR-2000; 2000US-00546259.  
 PR 27-APR-2000; 2000US-00560406.  
 PR 05-JUN-2000; 2000US-00589184.  
 PR 11-JUL-2000; 2000US-00614124.  
 PR 29-AUG-2000; 2000US-00651563.  
 PR 08-SEP-2000; 2000US-00658824.  
 PR 26-SEP-2000; 2000US-00671325.  
 PR 06-OCT-2000; 2000US-00677419.  
 PR 30-OCT-2000; 2000US-00702705.  
 PR 13-DEC-2000; 2000US-00736457.  
 PR 03-MAY-2001; 2001US-00849626.  
 XX (CORI-) CORIXA CORP.  
 XX  
 PI Henderson RA, Wang T, Watanabe Y, Johnson JC, Retter MW;  
 PI Durham M, Carter D, Fanger GR, Vedwick TS, Bangur CS, McNabb A;  
 XX WPI; 2003-328427/31.  
 XX  
 XX New polynucleotide, useful for preparing a composition for treating or  
 PT inhibiting development of cancer, e.g. lung cancer.  
 PT  
 XX Disclosure; SEQ ID NO 327; 82pp; English.  
 XX  
 XX The invention describes an isolated polynucleotide comprising one of 32  
 CC sequences, complement or degenerate variants of them. The polynucleotide  
 CC is useful for preparing a composition e.g. a vaccine or for gene therapy,  
 CC for treating or inhibiting development of cancer, e.g. lung cancer. This  
 CC sequence represents a polypeptide associated with the compositions and

CC methods for the therapy and diagnosis of lung cancer

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAAALFFAIWHIIAPDELKTDYKNPIDQCNTLNPLVPEYLIIHA 60  
DB 1 MAFTFAACVYMLALLTAAALFFAIWHIIAPDELKTDYKNPIDQCNTLNPLVPEYLIIHA 60  
QY 61 PFCVMFLCAAEWLTGLNPLIAYHWRVMSRPMVSGGLYDPTTIMADILAYCQKEGW 120  
DB 61 PFCVMFLCAAEWLTGLNPLIAYHWRVMSRPMVSGGLYDPTTIMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 24

ABU80387  
ID ABU80387 standard; protein; 144 AA.

XX AC ABU80387;

DT 24-JUN-2003 (first entry)

XX DE Human secreted/transmembrane protein PRO181.

KW Human; secreted protein; transmembrane protein; PRO; malignancy; cancer;  
KW ovarian cancer; colorectal cancer; sarcoma; leukaemia; lymphoma;  
KW inflammatory disease; necrosis; atherosclerosis; infertility;  
KW premature aging; psoriasis; inflammatory disease; renal disease;  
KW arthritis; immune-mediated alopecia; stroke; encephalitis; hepatitis;  
KW multiple sclerosis; gene therapy.

XX OS Homo sapiens.

XX FN US2003004102-A1.

XX PD 02-JAN-2003.

XX PF 15-OCT-2001; 2001US-00978189.

XX PR 17-OCT-1997; 97US-0062250P.

PR 03-NOV-1997; 97US-0064249P.

PR 13-NOV-1997; 97US-0065311P.

PR 21-NOV-1997; 97US-0066364P.

PR 10-MAR-1998; 98US-0077450P.

PR 11-MAR-1998; 98US-0077632P.

PR 11-MAR-1998; 98US-0077641P.

PR 11-MAR-1998; 98US-0077643P.

PR 12-MAR-1998; 98US-0077791P.

PR 13-MAR-1998; 98US-0078004P.

PR 17-MAR-1998; 98US-00040220.

PR 20-MAR-1998; 98US-0078886P.

PR 20-MAR-1998; 98US-0078910P.

PR 20-MAR-1998; 98US-0078936P.

PR 20-MAR-1998; 98US-0078939P.

PR 25-MAR-1998; 98US-0079294P.

PR 26-MAR-1998; 98US-0079356P.

PR 27-MAR-1998; 98US-0079663P.

PR 27-MAR-1998; 98US-0079664P.

PR 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.

PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.

PR 26-JUN-1998; 98US-00105413.

PR 07-OCT-1998; 98US-00168978.

PR 07-OCT-1998; 98WO-US021141.

PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98WO-US024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 05-JAN-1999; 99WO-US000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-APR-1999; 99US-00284291.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99WO-US0380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 16-DEC-1999; 99WO-US028565.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 05-JUN-2001; 2001WO-US017800.  
PR 14-JUN-2001; 2001US-00874503.  
PR 19-JUN-2001; 2001US-00882636.  
PR 20-JUN-2001; 2001US-00886342.  
PR 29-JUN-2001; 2001WO-US019692.  
PR 09-JUL-2001; 2001WO-US021066.  
PR 30-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.

(GETH ) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Klavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart IA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-341189/32.

DR N-PSDB; ACA66277.

XX New genes and secreted and transmembrane polypeptides (e.g. PRO337 or PRO1559), useful for treating or diagnosing e.g. cancers, atherosclerosis, infertility, stroke, encephalitis, hepatitis or multiple sclerosis in mammals.

XX Claim 12; Fig 129; 460pp; English.

XX The invention relates to a new isolated nucleic acid molecule comprises a sequence with at least 80% identity to: (a) a nucleotide encoding any of 94 PRO polypeptides whose sequences are fully defined in the specification; or (b) any of 94 nucleotide sequences fully defined in the specification; or the full length coding sequence of any these 94 nucleotide sequences. Also included are an isolated PRO polypeptide scoring at least 80% positives when compared to any of the PRO polypeptide sequences cited above (or an isolated PRO polypeptide having at least 80% amino acid sequence identity to: (a) an amino acid sequence encoded by the nucleotide deposited with ATCC numbers listed in the specification; (b) the PRO polypeptide, lacking its associated signal peptide; or (c) an extracellular domain of the PRO polypeptide, with or lacking its associated signal peptide), a vector comprising the nucleic acid molecule, a host cell comprising the vector (and producing a PRO polypeptide), a chimaeric molecule comprising the PRO polypeptide fused to a heterologous amino acid sequence and an anti-PRO antibody. The PRO polypeptides or polynucleotides are useful as pharmaceuticals, diagnostics, biosensors or bioreactors. These are particularly useful for detecting or treating e.g. malignancies or cancers (e.g. ovarian cancer, colorectal cancer, sarcoma, leukaemia or lymphoma), inflammatory disease, necrosis, atherosclerosis, infertility, premature aging, psoriasis, inflammatory disease, renal disease, arthritis, immune-mediated alopecia, stroke, encephalitis, hepatitis, or multiple sclerosis in mammals. The PRO polypeptides are useful in drug screening, particularly as targets for therapeutic intervention in these diseases, and in the diagnostic determination of the presence of these diseases. The PRO polypeptides are also useful as molecular weight markers, or for chromosome identification. The PRO genes are useful as hybridisation probes, or for screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may also be used in gene therapy, particularly for replacing a defective gene. The present sequence represents a PRO polypeptide

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPGLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 25  
ABU82107  
ID ABU82107 standard; protein; 144 AA.

XX AC ABU82107;  
XX DT 25-JUN-2003 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX KW Human; secreted and transmembrane protein; PRO; cardiant; cytostatic;  
KW antiangiogenic; hypotensive; vulnenry; antiarteriosclerotic;  
KW gene therapy; cardiovascular disorder; endothelial disorder;

KW angiogenic disorder; cardiac hypertrophy; trauma; cancer;  
KW age-related macular degeneration; atherosclerosis; hypertension;  
KW arterial restenosis; rheumatoid arthritis; angina; myocardial infarction;  
KW thrombophlebitis; lymphangitis; tumour angiogenesis; breast carcinoma;  
KW liver carcinoma; wound healing; chromosome mapping; gene mapping.

XX OS Homo sapiens.

XX US2003088063-A1.  
XX 08-MAY-2003.  
XX 12-AUG-2002; 2002US-00219003.  
XX 25-JUL-2000; 2000US-0220664P.  
XX 01-JUN-2001; 2001WO-US017800.  
XX 29-JUN-2001; 2001WO-US021066.  
XX 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX WPI: 2003-393229/37.  
XX N-PSDB; ACA68556.

XX One hundred and eighty seven nucleic acids encoding PRO polypeptides, useful in diagnosis and treatment of cardiovascular (e.g. myocardial infarction), endothelial or angiogenic disorders in a mammal.

XX Claim 11; Fig 120; 314pp; English.

XX The invention describes one hundred and eighty seven nucleic acids encoding novel human secreted and transmembrane (PRO) polypeptides. The PRO nucleic acids, polypeptides, agonists and antagonists are useful for treating or diagnosing a cardiovascular, endothelial or angiogenic disorder in a mammal e.g. cardiac hypertrophy, trauma, cancer, age-related macular degeneration, atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis, angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour angiogenesis (such as breast carcinoma and liver carcinoma) and wound healing. The PRO nucleic acids have applications in molecular biology, including use as hybridisation probes, and in chromosome and gene mapping. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPGLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 26  
ABJ72287  
ID ABJ72287 standard; protein; 144 AA.

XX AC ABJ72287;  
XX DT 06-NOV-2003 (first entry)  
XX



DE Human PRO181 protein.  
 XX PRO; proliferation; pericyte cell; TNF-alpha; blood; chondrocyte;  
 KW differentiation; dermal fibroblast; tumour; gene therapy; cytostatic.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003050448-A1.  
 XX  
 PD 13-MAR-2003.  
 XX  
 PF 28-AUG-2002; 2002US-00230414.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Deenoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI; 2003-521818/49.  
 DR N-PSDB; ABT44285.  
 XX  
 PT New nucleic acid encoding for a PRO protein, useful for the manufacture  
 PT of a medicament for diagnosing or treating tumors or for measuring or  
 PT detecting expression of an associated gene.  
 XX  
 PS Claim 11; Fig 120; 315pp; English.  
 XX  
 CC The invention relates to a novel isolated nucleic acid encoding a fully  
 CC defined PRO polypeptide. The molecules of the invention may be useful for  
 CC stimulating proliferation or gene expression in pericyte cells or the  
 CC release of TNF-alpha from human blood. Other possible uses include the  
 CC stimulation or inhibition of chondrocyte proliferation or  
 CC differentiation, the stimulation of human dermal fibroblast cell  
 CC proliferation and the detection of the presence of a tumour within a  
 CC mammal. Furthermore, the nucleic acid may be useful for the manufacture  
 CC of a medicament for diagnosing or treating a tumour within a mammal or  
 CC for measuring or detecting the expression of an associated gene, as well  
 CC as during gene therapy. The current sequence is that of the human PRO  
 CC protein of the invention  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTLGLNMPILAYHWRMSPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTLGLNMPILAYHWRMSPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 RESULT 27  
 ID AAO23970 standard; protein; 144 AA.  
 XX  
 AC AAO23970;  
 XX  
 DT 06-NOV-2003 (first entry)  
 XX  
 DE Human Cornichon-like protein.  
 XX

KW Anorectic; antiinflammatory; cardiant; hypotensive; antidiabetic;  
 KW neuroprotective; pharmaceutical composition; body-weight regulation;  
 KW thermogenesis; metabolic; obesity; Syndrome X; insulin-resistance;  
 KW eating disorder; cachexia; diabetes mellitus; hypertension; gallstone;  
 KW pancreatic dysfunction; arteriosclerosis; coronary heart disease;  
 KW hypercholesterolaemia; dyslipidaemia; osteoarthritis; ROS defence;  
 KW reactive oxygen species; neurodegenerative; mitochondrial; gene therapy;  
 KW human; Cornichon.  
 XX  
 XX Homo sapiens.  
 OS  
 XX  
 PN WO2003061681-A2.  
 XX  
 PD 31-JUL-2003.  
 XX  
 PF 24-JAN-2003; 2003WO-EP000738.  
 XX  
 PR 25-JAN-2002; 2002EP-00001806.  
 PR 14-FEB-2002; 2002EP-00003473.  
 PR 28-FEB-2002; 2002EP-00004687.  
 PR 25-APR-2002; 2002EP-00009475.  
 PR 18-JUN-2002; 2002EP-00013329.  
 PR 30-DEC-2002; 2002EP-00029081.  
 XX  
 PA (DEVE-) DEVELOPENTUNGSHIOLOGISCHE FORSCH.  
 XX  
 PI Steuernagel A, Molitor A, Eulenber K, Broemner G;  
 XX  
 DR WPI; 2003-627418/59.  
 DR N-PSDB; AAL57524.  
 XX  
 PT New pharmaceutical composition, useful for the manufacture of an agent  
 PT for diagnosing, treating or preventing disorders related to body-weight  
 PT regulation and thermogenesis, e.g., metabolic diseases such as obesity.  
 XX  
 PS Claim 3; Fig 5C; 144pp; English.  
 XX  
 CC The invention relates to a novel pharmaceutical composition comprising a  
 CC nucleic acid molecule or polypeptide which is a human homologue of a  
 CC Drosophila melanogaster polypeptide or polynucleotide. The composition of  
 CC the invention may be utilised during the diagnosis, study, prevention and  
 CC treatment of diseases related to body-weight regulation and thermogenesis  
 CC including metabolic disorders such as obesity, Syndrome X and insulin-  
 CC resistance syndrome and eating disorders e.g. cachexia, diabetes  
 CC mellitus, hypertension, pancreatic dysfunctions, arteriosclerosis,  
 CC coronary heart disease, hypercholesterolaemia, dyslipidaemia,  
 CC osteoarthritis and gallstones. Furthermore, disorders related to reactive  
 CC oxygen species (ROS) defence may be addressed by the invention including  
 CC neurodegenerative disorders or mitochondrial disorders. Finally, the  
 CC composition of the invention may be useful in gene therapy. The current  
 CC sequence is that of the human Cornichon-like protein of the invention  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALITFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTLGLNMPILAYHWRMSPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTLGLNMPILAYHWRMSPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 RESULT 28  
 ADA24861

ID ADA24861 standard; protein; 144 AA.  
XX AC ADA24861;  
XX DT 20-NOV-2003 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX KW Human; secreted and transmembrane protein; PRO; tissue typing;  
KW chromosome identification; vaccine; cancer; retinal disorder;  
KW sports-related joint disorder; osteoarthritis; rheumatoid arthritis;  
KW wound healing; obesity; diabetes; hearing loss;  
KW cardiac insufficiency disorder; kidney disorder; nervous system disorder;  
KW haemoglobin associated disorder.  
XX OS Homo sapiens.  
XX PN US2003050241-A1.  
XX PD 13-MAR-2003.  
XX PF 16-OCT-2001; 2001US-00978564.  
XX PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079456P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080332P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081223P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98WO-US021141.  
PR 20-NOV-1998; 98US-0103304P.  
PR 20-NOV-1998; 98WO-US024855.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146222P.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.

PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US0003565.  
 PR 18-FEB-2000; 2000WO-US0004341.  
 PR 24-FEB-2000; 2000WO-US0005004.  
 PR 02-MAR-2000; 2000WO-US0005841.  
 PR 10-MAR-2000; 2000WO-US0006319.  
 PR 21-MAR-2000; 2000WO-US0007532.  
 PR 30-MAR-2000; 2000WO-US0008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX XX

(GETH ) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski P, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2003-521814/49.  
 DR N-PSDE; ADA24860.

XX New isolated PRO polypeptides for example extracellular, secreted and  
 PT membrane bound proteins, useful for modulating the biological activities  
 PT of cells and for treating, for example diabetes, cancer, rheumatoid  
 PT arthritis, and hearing loss.

XX Claim 12; Fig 129; 461pp; English.

XX The invention describes an isolated secreted and transmembrane (PRO)  
 CC polypeptide (I). PRO337 polypeptide is useful for detecting PRO4993  
 CC polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are  
 CC useful for detecting PRO1559 polypeptide in a sample, and PRO1559 is  
 CC useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is  
 CC useful for linking a bioactive molecule to a cell expressing a PRO337  
 CC polypeptide, and PRO337 is useful for linking a bioactive molecule to a  
 CC cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a  
 CC bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYDKNPIDOCNTNPLVPEYLIHA 60  
 Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYDKNPIDOCNTNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTLGLNMPILAHYIWRVMSRPVMSGPLYDPTTINNADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTLGLNMPILAHYIWRVMSRPVMSGPLYDPTTINNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYLYGYMYLVSS 144  
 Db 121 CKLAFYLLAFYLYGYMYLVSS 144

RESULT 29

ABO19689  
 ID ABO19689 standard; protein; 144 AA.  
 XX  
 AC ABO19689;  
 XX  
 DT 08-SEP-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; cell death; neuropathy;  
 KW peripheral neuropathy; diabetic peripheral neuropathy;  
 KW AIDS-associated neuropathy; Charcot-Marie-Tooth disease;  
 KW Refsum's disease; Abetalipoproteinemia; Tangier disease;  
 KW Krabbe's disease; Metachromatic leukodystrophy; Fabry's disease;  
 KW Dejerine-Sottas syndrome; chromosome mapping; gene mapping; gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003050240-A1.  
 XX  
 PD 13-MAR-2003.  
 XX  
 PF 16-OCT-2001; 2001US-00978403.  
 XX  
 PR 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 11-MAR-1998; 98US-0077649P.  
 PR 12-MAR-1998; 98US-0077791P.  
 PR 13-MAR-1998; 98US-0078004P.  
 PR 20-MAR-1998; 98US-0078886P.  
 PR 20-MAR-1998; 98US-0078910P.  
 PR 20-MAR-1998; 98US-0078936P.  
 PR 20-MAR-1998; 98US-0078939P.  
 PR 25-MAR-1998; 98US-0079294P.  
 PR 26-MAR-1998; 98US-0079656P.  
 PR 27-MAR-1998; 98US-0079663P.  
 PR 27-MAR-1998; 98US-0079664P.  
 PR 27-MAR-1998; 98US-0079689P.  
 PR 27-MAR-1998; 98US-0079728P.  
 PR 27-MAR-1998; 98US-0079786P.  
 PR 30-MAR-1998; 98US-0079920P.  
 PR 30-MAR-1998; 98US-0079923P.  
 PR 31-MAR-1998; 98US-0080105P.  
 PR 31-MAR-1998; 98US-0080107P.  
 PR 31-MAR-1998; 98US-0080165P.  
 PR 31-MAR-1998; 98US-0080194P.  
 PR 01-APR-1998; 98US-0080327P.  
 PR 01-APR-1998; 98US-0080328P.  
 PR 01-APR-1998; 98US-0080333P.  
 PR 01-APR-1998; 98US-0080334P.  
 PR 08-APR-1998; 98US-0081049P.  
 PR 08-APR-1998; 98US-0081070P.  
 PR 08-APR-1998; 98US-0081071P.  
 PR 09-APR-1998; 98US-0081195P.  
 PR 09-APR-1998; 98US-0081203P.  
 PR 09-APR-1998; 98US-0081229P.  
 PR 15-APR-1998; 98US-0081817P.  
 PR 15-APR-1998; 98US-0081819P.  
 PR 15-APR-1998; 98US-0081838P.  
 PR 15-APR-1998; 98US-0081952P.  
 PR 15-APR-1998; 98US-0081955P.  
 PR 21-APR-1998; 98US-0082568P.  
 PR 21-APR-1998; 98US-0082569P.  
 PR 22-APR-1998; 98US-0082700P.  
 PR 22-APR-1998; 98US-0082704P.  
 PR 22-APR-1998; 98US-0082797P.  
 PR 22-APR-1998; 98US-0082804P.  
 PR 23-APR-1998; 98US-0082796P.

27-APR-1998	98US-00833366P.	PR	30-DEC-1999	99WO-US031274.	XX
28-APR-1998	98US-00833322P.	PR	05-JAN-2000	2000WO-US000219.	XX
29-APR-1998	98US-00833322P.	PR	06-JAN-2000	2000WO-US000277.	PI
29-APR-1998	98US-00834956P.	PR	06-JAN-2000	2000WO-US000376.	PI
29-APR-1998	98US-0083496P.	PR	11-FEB-2000	2000WO-US003565.	PR
29-APR-1998	98US-0083498P.	PR	18-FEB-2000	2000WO-US004341.	PR
29-APR-1998	98US-0083500P.	PR	24-FEB-2000	2000WO-US005004.	PR
29-APR-1998	98US-0083545P.	PR	02-MAR-2000	2000WO-US005841.	PR
29-APR-1998	98US-0083554P.	PR	10-MAR-2000	2000WO-US006319.	PR
29-APR-1998	98US-0083558P.	PR	21-MAR-2000	2000WO-US007532.	PR
29-APR-1998	98US-0083559P.	PR	30-MAR-2000	2000WO-US008439.	PR
30-APR-1998	98US-0083742P.	PR	17-MAY-2000	2000WO-US013705.	PR
05-MAY-1998	98US-0084366P.	PR	22-MAY-2000	2000WO-US014042.	PR
06-MAY-1998	98US-0084441P.	PR	30-MAY-2000	2000WO-US014941.	PR
07-MAY-1998	98US-0084441P.	PR	02-JUN-2000	2000WO-US015264.	PR
07-MAY-1998	98US-0084598P.	PR	28-JUL-2000	2000WO-US020710.	PR
07-MAY-1998	98US-0084627P.	PR	24-AUG-2000	2000WO-US023328.	PR
07-MAY-1998	98US-0084637P.	PR	01-DEC-2000	2000WO-US032678.	PR
07-MAY-1998	98US-0084639P.	PR	20-DEC-2000	2000WO-US034956.	PR
07-MAY-1998	98US-0084640P.	PR	28-FEB-2001	2001WO-US006520.	PR
07-MAY-1998	98US-0084643P.	PR	22-MAR-2001	2001WO-US009552.	PR
13-MAY-1998	98US-0085333P.	PR	25-MAY-2001	2001WO-US017092.	PR
13-MAY-1998	98US-0085338P.	PR	01-JUN-2001	2001WO-US017800.	PR
15-MAY-1998	98US-0085339P.	PR	20-JUN-2001	2001WO-US019692.	PR
15-MAY-1998	98US-0085573P.	PR	29-JUN-2001	2001WO-US021066.	PR
15-MAY-1998	98US-0085579P.	PR	03-JUL-2001	2001WO-US021735.	PR
15-MAY-1998	98US-0085580P.	PR	30-JUL-2001	2001US-00918585.	XX
15-MAY-1998	98US-0085582P.	XX	(GETH ) GENENTECH INC.		
15-MAY-1998	98US-0085689P.	XX	Ashkenazi AJ, Baker KP, Rotstein D, Desnoyers L, Eaton DL; Ferrera N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME; Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ; Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL; Stewart TA, Tumas D, Williams PM, Wood WL;		
15-MAY-1998	98US-0085697P.	XX	WPI; 2003-503575/47.		
15-MAY-1998	98US-0085700P.	DR	N-PSDB; ACD29878.		
15-MAY-1998	98US-0085704P.	DR			
18-MAY-1998	98US-0086023P.	XX	Novel secreted and transmembrane polypeptide for modulating biological activity of cell expressing the polypeptide, identifying agonists or antagonists of polypeptide, and as molecular weight markers.		
22-MAY-1998	98US-0086332P.	PT	Claim 12; Fig 129; 459pp; English.		
22-MAY-1998	98US-00864114P.	XX	The invention describes an isolated, secreted and transmembrane polypeptide, termed PRO polypeptide (I). (I) is useful for detecting PRO4993, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for linking a bioactive molecule to a cell expressing the above polypeptides. The bioactive molecule is a toxin, radiolabel or an antibody and causes cell death. (I) is useful as therapeutic agent, in medical and industrial applications e.g. for treating neuropathy, especially peripheral neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy, Charcot-Marie-Tooth disease, Refsum's disease, Abetalipoproteinemia, Tangier disease, Krabbe's disease, Metachromatic leukodystrophy, Fabry's		
22-MAY-1998	98US-0086430P.	CC	Query Match 100.0%; Score 784; DB 6; Length 144;		
22-MAY-1998	98US-0086486P.	CC	Best Local Similarity 100.0%; Pred. No. 2.2e-85;		
28-MAY-1998	98US-0087098P.	CC	Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
28-MAY-1998	98US-0087106P.	CC			
28-MAY-1998	98US-0087208P.	CC			
28-MAY-1998	98US-0090863P.	CC			
26-JUN-1998	98US-0091010P.	CC			
01-JUL-1998	98US-0091359P.	CC			
30-JUL-1998	98US-0094651P.	CC			
11-SEP-1998	98US-0100038P.	CC			
07-OCT-1998	98US-010021141.	CC			
20-NOV-1998	98US-0109304P.	CC			
20-NOV-1998	98US-0109304P.	CC			
22-DEC-1998	98US-0113296P.	CC			
22-DEC-1998	98US-0113621P.	CC			
05-JAN-1999	99WO-US0000106.	CC			
08-MAR-1999	99WO-US0005028.	CC			
10-MAR-1999	99WO-US005190.	CC			
12-MAR-1999	99US-0123957P.	CC			
29-MAR-1999					

RESULT 30  
ADA12522  
ID ADA12522 standard; protein; 144 AA.  
XX  
AC ADA12522;  
XX  
DT  
XX  
XX 06-NOV-2003 (first entry)  
XX  
XX Human secreted/transmembrane polypeptide PRO181.  
XX  
XX inflammatory disease; organ failure; atherosclerosis; cardiac injury;  
KW infertility; birth defect; premature aging; AIDS; cancer;  
KW diabetic complication; tissue typing; human.  
XX  
XX Homo sapiens.  
XX  
XX US2003055216-A1.  
XX  
XX 20-MAR-2003.  
XX  
XX 17-OCT-2001; 2001US-00978824.  
XX  
XX 21-MAY-1996; 96US-0018043P.  
PR 21-MAY-1996; 96US-0018043P.  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078886P.  
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 PR 21-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUL-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.

XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Geber H, Gerritsen ME;  
 PI  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEG 120  
 DB 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMYIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMYIVLVSS 144

RESULT 31  
 ASU72415  
 ID ABU72415 standard; protein; 144 AA.

XX AC ABU72415;  
 XX DT 06-NOV-2003 (first entry)  
 XX DE Human PRO181 protein.  
 XX KW PRO; blood; proliferation; pericyte cell; TNF alpha; chondrocyte;  
 KW tumour necrosis factor; proliferation; differentiation; gene therapy;  
 KW dermal fibroblast.  
 XX OS Homo sapiens.  
 XX PN US2003027988-A1.  
 XX PD 06-FEB-2003.  
 XX PF 26-AUG-2002; 2002US-00227884.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI: 2003-503301/47.  
 DR N-PSDB; ABT44568.  
 XX New PRO protein encoding nucleic acid, useful for preparing PRO  
 PT polypeptides and anti-PRO antibodies for detecting the presence of a  
 PT tumor in a mammal.  
 XX Claim 11; Fig 120; 324pp; English.

XX The invention relates to a novel isolated PRO protein encoding nucleic  
 CC acid. The nucleic acid of the invention may be useful for preparing PRO  
 CC polypeptides and anti-PRO antibodies for detecting the presence of a  
 CC tumour in a mammal. Furthermore, the molecules of the invention may be  
 CC useful for stimulating proliferation or gene expression in pericyte  
 CC cells, the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, the proliferation or differentiation of chondrocyte cells and for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells.  
 CC Finally, the molecules may be utilised during gene therapy. The current  
 CC sequence is that of the human PRO protein of the invention

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEG 120  
 DB 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMYIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMYIVLVSS 144

RESULT 32  
 ABO34310

ID ABO34310 standard; protein; 144 AA.  
 AC ABO34310;  
 DT 19-SEP-2003 (first entry)  
 XX  
 DE Human secreted/transmembrane polypeptide PRO 181.  
 XX  
 KW Human; chondrocyte stimulation; TNF-alpha stimulation; gene therapy;  
 KW human dermal fibroblast stimulation; tumour; tissue typing;  
 KW affinity purification.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003044934-A1.  
 XX  
 PD 06-MAR-2003.  
 XX  
 PF 28-AUG-2002; 2002US-00230338.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 DR WPI; 2003-492274/46.  
 DR N-PSDB; ACD82235.  
 XX  
 PT New transmembrane polypeptides and nucleic acids encoding the  
 PT polypeptides, useful in gene therapy, in chromosome identification, as  
 PT chromosome markers, or in generating probes.  
 XX  
 PS Claim 19; Fig 120; 315pp; English.  
 XX  
 CC The invention relates to an isolated nucleic acid encoding a PRO  
 CC polypeptide. Nucleic acids that encode PRO can be used to generate either  
 CC transgenic animals or knock-out animals useful in developing and  
 CC screening of therapeutically useful reagents. The nucleic acids may also  
 CC be used in gene therapy for replacing defective gene, in chromosome  
 CC identification, as chromosome markers, or in generating probes to isolate  
 CC full length PRO cDNA. The PRO polypeptides are useful for chondrocyte  
 CC stimulation, TNF-alpha stimulation, human dermal fibroblasts stimulation  
 CC and for detecting the presence of tumour in an animal. The PRO  
 CC polypeptides are useful as molecular markers for protein electrophoresis  
 CC and the isolated nucleic acids may be used for recombinantly expressing  
 CC those markers. The PRO polypeptides and nucleic acids may also be used in  
 CC tissue typing. Anti-PRO antibodies are useful in diagnostic assays for  
 CC PRO and in affinity purification of PRO from recombinant cell culture or  
 CC natural sources. The present sequence represents the amino acid sequence  
 CC of a human secreted/transmembrane PRO polypeptide  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALITLALIFAIWHIIAFDELKDYKNPIDQCNLTNPLVLPYLIHA 60  
 DB 1 MAFTFAFCYMLALITLALIFAIWHIIAFDELKDYKNPIDQCNLTNPLVLPYLIHA 60  
 QY 61 FFCVMFLCAEWLTGLNNPLAYHWYMSRPMVSGPLDYPTIMNADILAYCQKEGW 120  
 DB 61 FFCVMFLCAEWLTGLNNPLAYHWYMSRPMVSGPLDYPTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 33  
 ABO19580  
 ID ABO19580 standard; protein; 144 AA.  
 XX  
 AC ABO19580;  
 XX  
 DT 27-AUG-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane polypeptide #48.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; viral infection;  
 KW tumour growth; retinal disorder; injury; sight loss;  
 KW retinitis pigmentosa; age-related macular degeneration;  
 KW sport-related joint problem; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; wound healing; obesity; diabetes; insulinemia;  
 KW kidney disorder; mesangial cell function; Berger disease; neuropathy;  
 KW celiac disease; dermatitis; Crohn disease; neuropathy;  
 KW cardiac insufficiency disorder; peripheral neuropathy;  
 KW diabetic peripheral neuropathy; autonomic neuropathy;  
 KW reduced motility of the gastrointestinal tract;  
 KW atony of the urinary bladder; post polio syndrome; Krabbe's disease;  
 KW Charcot-Marie-Tooth disease; Fabry's disease; Tangier disease;  
 KW Refsum's disease.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003049633-A1.  
 XX  
 PD 13-MAR-2003.  
 XX  
 PF 16-OCT-2001; 2001US-00978585.  
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 PR 21-NOV-1997; 97US-0066364P.  
 PR 10-MAR-1998; 98US-0077450P.  
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 PR 11-MAR-1998; 98US-0077649P.  
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 PR 13-MAR-1998; 98US-0078004P.  
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 PR 26-MAR-1998; 98US-0079656P.  
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 PR 30-MAR-1998; 98US-0079923P.  
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 PR 31-MAR-1998; 98US-0080107P.  
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 PR 31-MAR-1998; 98US-0080194P.  
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 PR 01-APR-1998; 98US-0080333P.  
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 PR 08-APR-1998; 98US-0081049P.  
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 PR 09-APR-1998; 98US-0081195P.  
 PR 09-APR-1998; 98US-0081203P.  
 PR 09-APR-1998; 98US-0081229P.  
 PR 15-APR-1998; 98US-0081817P.  
 PR 15-APR-1998; 98US-0081819P.

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PR 27-NOV-2000; 2000US-0000376.
PR 01-DEC-2000; 2000US-0000376.
PR 20-DEC-2000; 2000US-0000376.
PR 20-DEC-2000; 2000US-0000376.
PR 28-FEB-2001; 2001US-0000376.
PR 22-MAR-2001; 2001US-0000376.
PR 22-MAR-2001; 2001US-0000376.
PR 10-MAY-2001; 2001US-0000376.
PR 10-MAY-2001; 2001US-0000376.
PR 25-MAY-2001; 2001US-0000376.
PR 01-JUN-2001; 2001US-0000376.
PR 01-JUN-2001; 2001US-0000376.
PR 05-JUN-2001; 2001US-0000376.
PR 14-JUN-2001; 2001US-0000376.

Query Match 100.0%; Score 784; DB 6; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIAFDELKTDYKPNIDQCNLTNPLVPEYLIA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIAFDELKTDYKPNIDQCNLTNPLVPEYLIA 60
QY 61 FFCVFLCAEWLTGLNMPFLAYHWRVMSRPMVSGPLGYDFTTINADILAYCOKEG 120
Db 61 FFCVFLCAEWLTGLNMPFLAYHWRVMSRPMVSGPLGYDFTTINADILAYCOKEG 120
QY 121 CKLAFYLLAFYYLYGMIVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIVLVSS 144
```



RESULTS 34	Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
ABJ72117	
ID ABJ72117 standard; protein; 144 AA.	
XX AC ABJ72117;	
XX DT 16-OCT-2003 (first entry)	
XX DE Human membrane bound receptor/protein PRO181 amino acid sequence.	
XX KW Human; PRO; membrane bound protein; membrane bound receptor;	
XX KW cell proliferation; cell migration; cytotoxic factor;	
XX KW mitogenic factor; survival factor; cytotoxic factor;	
XX KW differentiation factor; neurotrophin; hormone; cell receptor;	
XX KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.	
XX OS Homo sapiens.	
XX PN US2003065147-A1.	
XX PD 03-APR-2003.	
XX PF 29-AUG-2002; 2002US-00232224.	
XX PR 28-JUL-1999; 99US-0146222P.	
XX PR 24-FEB-2000; 2000WO-US005004.	
XX PR 02-MAR-2000; 2000WO-US005841.	
XX PR 01-JUN-2001; 2001WO-US017800.	
XX PR 23-JUN-2001; 2001WO-US021066.	
XX PR 03-APR-2002; 2002US-00119480.	
XX PA (GETH ) GENENTECH INC.	
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski P;	
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	
XX DR WPI; 2003-522018/49.	
XX DR N-PSDB; ABT43941.	
XX XX One hundred and twenty two nucleic acids encoding PRO polypeptides,	
XX PT useful for the manufacture of a medicament for diagnosing or treating	
XX PT tumor.	
XX PS Claim 11; Fig 120; 315pp; English.	
XX CC This invention relates to one hundred and twenty two novel nucleic acids	
XX CC encoding human PRO membrane bound proteins or receptors. Extracellular	
XX CC proteins play important roles in the formation, differentiation and	
XX CC maintenance of multicellular organisms. The fate of many individual cells	
XX CC (for example proliferation, migration or differentiation) is typically	
XX CC governed by information received from other cells and the immediate	
XX CC environment. The information is often transmitted by secreted	
XX CC polypeptides (for example mitogenic factors, survival factors, cytotoxic	
XX CC factors, differentiation factors, neurotrophins and hormones) which are	
XX CC received and interpreted by diverse cell receptors or membrane bound	
XX CC proteins. These membrane bound proteins and receptors may be of use as	
XX CC pharmaceutical and diagnostic agents, such as in the blocking of receptor	
XX CC -ligand interactions. The current invention provides the amino acid	
XX CC sequences of novel human membrane bound receptors and proteins, along	
XX CC with the cDNA sequences encoding them. The novel proteins of the	
XX CC invention may have cytostatic activities through the stimulation of	
XX CC chondrocytes. The nucleic acids of the invention may be useful for the	
XX CC manufacture of a medicament for diagnosing or treating a tumour in a	
XX CC mammal. In addition, they may be useful for measuring or detecting the	
XX CC expression of a tumour associated gene. The present sequence is the amino	
XX CC acid sequence of a human PRO protein of the invention	
XX SQ Sequence 144 AA;	
XX Query Match 100.0%; Score 784; DB 7; Length 144;	
XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;	

QY 1 MAFTFAAFYMLALLTAALFFAIWHLIAFDELKTDYKNDQCNTLNPLVPEYLHA 60	
DB 1 MAFTFAAFYMLALLTAALFFAIWHLIAFDELKTDYKNDQCNTLNPLVPEYLHA 60	
QY 61 FFCVWFLCAAEWLTLGLNPLIAYHIWYMRPVMGSLYDPTTMMNADILAYCQKEGW 120	
DB 61 FFCVWFLCAAEWLTLGLNPLIAYHIWYMRPVMGSLYDPTTMMNADILAYCQKEGW 120	
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144	
DB 121 CKLAFFYLLAFFYLYGMIYVLVSS 144	
RESULT 35	
ADB83610	
ID ADB83610 standard; protein; 144 AA.	
XX AC ADB83610;	
XX DT 04-DEC-2003 (first entry)	
XX DE Novel human secreted and transmembrane protein PRO181.	
XX KW human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;	
XX KW antiarthritic; pericyte cell proliferation;	
XX KW pericyte cell differentiation; chondrocyte cell proliferation;	
XX KW chondrocyte cell differentiation; tumour necrosis factor alpha release;	
XX KW (TNF)-alpha release; dermal fibroblast cell proliferation;	
XX KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;	
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;	
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;	
XX KW gene therapy.	
XX OS Homo sapiens.	
XX PN US2003073814-A1.	
XX PD 17-APR-2003.	
XX PF 12-AUG-2002; 2002US-00218849.	
XX PR 01-JUN-2001; 2001WO-US017800.	
XX PR 29-JUN-2001; 2001WO-US021066.	
XX PR 09-APR-2002; 2002US-00119480.	
XX PA (GETH ) GENENTECH INC.	
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski P;	
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	
XX DR WPI; 2003-644806/61.	
XX DR N-PSDB; ADB83609.	
XX XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful	
XX PT in gene therapy, chromosome identification, tissue typing, or as	
XX PT hybridization probes in chromosome and gene mapping.	
XX PS Claim 11; Fig 120; 315pp; English.	
XX CC The invention describes an isolated PRO (secreted and transmembrane)	
XX CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are	
XX CC useful for stimulating the proliferation of or gene expression in	
XX CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful	
XX CC for stimulating the proliferation or differentiation of chondrocyte	
XX CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide	
XX CC are useful for stimulating the release of tumour necrosis factor (TNF)-	
XX CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,	
XX CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO1080,	
XX CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,	
XX CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1274, PRO1412,	
XX CC PRO1286, PRO1330, PRO1347, PRO1273, PRO1279, PRO1340, PRO1336,	

CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
CC PRO1987, PRO1928, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
CC stimulating the proliferation of normal human dermal fibroblasts cells.  
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1486, PRO4302, PRO4408,  
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
CC polypeptides such as PRO6004, PRO4981, PRO1272, PRO5778, PRO4332, etc.,  
CC are useful for detecting the presence of tumour in a mammal which  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAACVYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNLVPEYLHA 60  
DB 1 MAFTFAACVYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNLVPEYLHA 60  
QY 61 FFCVNFCAAEWLTGLNNPLLIAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQKSGW 120  
DB 61 FFCVNFCAAEWLTGLNNPLLIAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQKSGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144  
RESULT 36  
ID ADB80716 standard; protein; 144 AA.  
XX  
AC ADB80716;  
XX  
DT 04-DEC-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein. PRO181.  
XX  
KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
KW antarthritic; pericyte cell proliferation;  
KW pericyte cell differentiation; chondrocyte cell proliferation;  
KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
KW gene therapy.  
XX  
OS Homo sapiens.  
XX  
PN US2003088068-A1.  
XX  
PD 08-MAY-2003.  
XX  
PF 13-AUG-2002; 2002US-00219481.  
XX  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.

09-APR-2002; 2002US-00119480.

(GETH ) GENENTECH INC.

Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

WPI; 2003-657982/62.

N-PSDB; ADB80715.

One hundred and twenty two nucleic acids encoding PRO polypeptides,  
PT useful in gene therapy, chromosome identification, tissue typing, or as  
PT hybridization probes in chromosome and gene mapping.

Claim 11; Fig 120; 305pp; English.

The invention describes an isolated PRO (secreted and transmembrane)  
polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
useful for stimulating the proliferation of or gene expression in  
pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
for stimulating the proliferation or differentiation of chondrocyte  
cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
are useful for stimulating the release of tumour necrosis factor (TNF)-  
alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1432,  
PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
stimulating the proliferation of normal human dermal fibroblasts cells.  
PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
polypeptides such as PRO6004, PRO4981, PRO1272, PRO5778, PRO4332, etc.,  
are useful for detecting the presence of tumour in a mammal which  
involves comparing the level of expression of the above PRO polypeptides  
in a test sample of cells taken from the mammal, and a control sample of  
normal cells of the same cell type, where a higher level of expression of  
the PRO polypeptides in the test sample as compared to the control sample  
is indicative of the presence of tumour in the mammal. The tumour is lung  
tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
liver tumour. (I) is useful as molecular weight markers, for tissue  
typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
useful for chromosome and gene mapping or gene therapy. (II) is useful  
for generating transgenic animals or knock-out animals which are useful  
screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
sport injuries). This is the amino acid sequence of a human secreted and  
transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNLVPEYLHA 60

DB 1 MAFTFAACVYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNLVPEYLHA 60

QY 61 FFCVNFCAAEWLTGLNNPLLIAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQKSGW 120

DB 61 FFCVNFCAAEWLTGLNNPLLIAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQKSGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144

DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 37

ADB73257

ADB73257 standard; protein; 144 AA.  
 ADB73257;  
 04-DEC-2003 (first entry)  
 Novel human secreted and transmembrane protein PRO181.  
 human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 antiarthritic; pericyte cell proliferation;  
 pericyte cell differentiation; chondrocyte cell proliferation;  
 chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 (TNF)-alpha release; dermal fibroblast cell proliferation;  
 dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 colon tumour; breast tumour; prostate tumour; rectal tumour;  
 liver tumour; tissue typing; chromosome mapping; gene mapping;  
 gene therapy.  
 Homo sapiens.  
 US2003096968-A1.  
 22-MAY-2003.  
 29-AUG-2002; 2002US-00232223.  
 01-JUN-2001; 2001WO-US017800.  
 29-JUN-2001; 2001WO-US021066.  
 09-APR-2002; 2002US-00119480.  
 (GETH ) GENENTECH INC.  
 Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 N-PSDB; ADB73256.  
 WPI; 2003-765525/72.  
 New isolated PRO polypeptides useful as molecular weight markers in  
 protein electrophoresis, useful for tissue typing, and for treating  
 arthritis and tumors.  
 Claim 11; Fig 120; 308pp; English.  
 The invention describes an isolated PRO (secreted and transmembrane)  
 polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 useful for stimulating the proliferation of or gene expression in  
 pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 for stimulating the proliferation or differentiation of chondrocyte  
 cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 are useful for stimulating the release of tumour necrosis factor (TNF)-  
 alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 PRO247, PRO337, PRO526, PRO363, PRO331, PRO1083, PRO840, PRO1080,  
 PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 PRO1025, PRO1184, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 PRO1286, PRO1330, PRO1347, PRO1385, PRO1273, PRO1279, PRO1340, PRO1338,  
 PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
 PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4444, PRO4322,  
 PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 stimulating the proliferation of normal human dermal fibroblasts cells.  
 PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 are useful for detecting the presence of tumour in a mammal which  
 involves comparing the level of expression of the above PRO polypeptides  
 in a test sample of cells taken from the mammal, and a control sample of  
 normal cells of the same cell type, where a higher level of expression of  
 the PRO polypeptides in the test sample as compared to the control sample  
 is indicative of the presence of tumour in the mammal. The tumour is lung  
 tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 liver tumour. (I) is useful as molecular weight markers, for tissue  
 typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is

CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX Sequence 144 AA;  
 SQ  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85; Gaps 0;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0;  
 QY 1 MAFTFAAFVCMALLLTAALFFFAIWHIIAFDELKTDYKNPFDQNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAFVCMALLLTAALFFFAIWHIIAFDELKTDYKNPFDQNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTLGLNMPLLAYHIWYNGRPVMSGFLYDPTTMNADILAYCOKEGW 120  
 DB 61 FFCVMFLCAAEWLTLGLNMPLLAYHIWYNGRPVMSGFLYDPTTMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFAFYLYGMYLVVSS 144  
 DB 121 CKLAFYLLAFAFYLYGMYLVVSS 144  
 RESULT 38  
 ADB78339  
 ID ADB78339 standard; protein; 144 AA.  
 XX  
 AC ADB78339;  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 XX Homo sapiens.  
 OS US2003092889-A1.  
 PN 15-MAY-2003.  
 XX 13-AUG-2002; 2002US-00219478.  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX 29-JUN-2001; 2001WO-US021066.  
 XX 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX N-PSDB; ADB78338.  
 XX WPI; 2003-765495/72.  
 XX New isolated PRO polypeptide useful for tissue typing, gene therapy, as  
 XX molecular weight markers in protein electrophoresis, and for treating  
 XX arthritis and tumors.  
 XX Claim 11; Fig 120; 308pp; English.  
 XX The invention describes an isolated PRO (secreted and transmembrane)

CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO329, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1837, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPPLLAYHYWYMSRPVMSGPGLYDPTTMNADILAYCQKGGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPPLLAYHYWYMSRPVMSGPGLYDPTTMNADILAYCQKGGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 39  
 ADB84987  
 ID ADB84987 standard; protein; 144 AA.

XX AC ADB84987;  
 XX DT 04-DEC-2003 (first entry)  
 XX DE Human PRO polypeptide #60.  
 XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 XX KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cystostatic; antiarthritic.  
 XX OS Homo sapiens.  
 XX AC US2003073817-A1.

XX 17-APR-2003.  
 XX 26-AUG-2002; 2002US-00227883.  
 XX 01-AUG-2000; 2000US-02224259.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 PA Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WFI; 2003-730024/69.  
 DR N-PSDB; ADB84986.  
 PT New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 CC e.g. in gene therapy, disease diagnosis, chromosome identification and  
 CC tissue typing.

Claim 11; Fig 120; 31app; English.

XX The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful  
 CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPPLLAYHYWYMSRPVMSGPGLYDPTTMNADILAYCQKGGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPPLLAYHYWYMSRPVMSGPGLYDPTTMNADILAYCQKGGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 40  
 ADB78093  
 ID ADB78093 standard; protein; 144 AA.  
 XX AC ADB78093;

04-DEC-2003 (first entry)  
Novel human secreted and transmembrane protein PRO181.  
Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
antiarthritic; pericyte cell proliferation;  
pericyte cell differentiation; chondrocyte cell proliferation;  
chondrocyte cell differentiation; tumour necrosis factor alpha release;  
(TNF)-alpha release; dermal fibroblast cell proliferation;  
dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
colon tumour; breast tumour; prostate tumour; rectal tumour;  
liver tumour; tissue typing; chromosome mapping; gene mapping;  
gene therapy.  
Homo sapiens.  
US2003092886-A1.  
15-MAY-2003.  
09-AUG-2002; 2002US-00216165.  
25-JUL-2000; 2000US-0220607P.  
01-JUN-2001; 2001WO-US017800.  
29-JUN-2001; 2001WO-US021066.  
09-APR-2002; 2002US-00119480.  
(GETH ) GENENTECH INC.  
Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
WPI; 2003-765494/72.  
N-PSDB; ADB78092.  
Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as  
molecular weight markers in protein electrophoresis, for treating  
arthritis, tumor.  
Claim 11; Fig 120; 308pp; English.  
The invention describes an isolated PRO (secreted and transmembrane)  
polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
useful for stimulating the proliferation of or gene expression in  
pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
for stimulating the proliferation or differentiation of chondrocyte  
cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
are useful for stimulating the release of tumour necrosis factor (TNF)-  
alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
PRO9940, PRO6079, PRO9836 or PRO1006 polypeptide are useful for  
stimulating the proliferation of normal human dermal fibroblasts cells.  
PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
PRO5723, PRO725, PRO7154, or PRO7425 polypeptide are useful for  
inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
are useful for detecting the presence of tumour in a mammal which  
involves comparing the level of expression of the above PRO polypeptides  
in a test sample of cells taken from the mammal, and a control sample of  
normal cells of the same cell type, where a higher level of expression of  
the PRO polypeptides in the test sample as compared to the control sample  
is indicative of the presence of tumour in the mammal. The tumour is lung  
tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
liver tumour. (I) is useful as molecular weight markers, for tissue  
typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
useful for chromosome and gene mapping or gene therapy. (II) is useful  
for generating transgenic animals or knock-out animals which are useful

screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
sport injuries). This is the amino acid sequence of a human secreted and  
transmembrane PRO polypeptide.  
Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALIPFAIWHIIADEFELKTDYKNDICQNTLNPLVLPYLHA 60  
Db 1 MAFTFAFCYMLALLTAALIPFAIWHIIADEFELKTDYKNDICQNTLNPLVLPYLHA 60  
QY 61 FFCVMFLCAAEWLITGLNWPILLAYHIWYMSRPPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLITGLNWPILLAYHIWYMSRPPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144  
RESULT 41  
ADB73828  
ID ADB73828 standard; protein; 144 AA.  
XX AC ADB73828;  
XX DT 04-DEC-2003 (first entry)  
XX DE Human PRO polypeptide #48.  
XX KW Human; PRO polypeptide; secreted protein; transmembrane protein;  
cell death; neuropathy; neuropathy related disease;  
Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;  
XX KW chromosome mapping; gene mapping; genetic disorder; septic shock;  
antibacterial; immunosuppressive; neuroprotective.  
XX OS Homo sapiens.  
XX FN US2003045462-A1.  
XX PD 06-MAR-2003.  
XX PF 16-OCT-2001; 2001US-00978608.  
XX PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 12-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0080040P.  
PR 17-MAR-1998; 98US-00804020.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080103P.

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PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 08-APR-1998; 98US-0081135P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081953P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 30-APR-1998; 98US-0083559P.  
PR 05-MAY-1998; 98US-0083742P.  
PR 06-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 07-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-00105413.  
PR 26-JUN-1998; 98US-0080863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98WO-US021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98WO-US024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 12-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 12-APR-1999; 99US-00284291.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146222P.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 16-DEC-1999; 99WO-US028565.  
PR 30-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 18-FEB-2000; 2000WO-US003565.  
PR 24-FEB-2000; 2000WO-US004341.  
PR 02-MAR-2000; 2000WO-US005004.  
PR 10-MAR-2000; 2000WO-US005841.  
PR 21-MAR-2000; 2000WO-US006319.  
PR 30-MAR-2000; 2000WO-US007532.  
PR 17-MAY-2000; 2000WO-US008439.  
PR 22-MAY-2000; 2000WO-US013705.  
PR 30-MAY-2000; 2000WO-US014042.  
PR 02-JUN-2000; 2000WO-US014941.  
PR 28-JUL-2000; 2000WO-US015264.  
PR 24-AUG-2000; 2000WO-US020710.  
PR 08-NOV-2000; 2000WO-US023328.  
PR 27-NOV-2000; 2000US-00709238.  
PR 01-DEC-2000; 2000US-00723749.  
PR 20-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 28-FEB-2001; 2000WO-US034956.  
PR 22-MAR-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 10-MAY-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 25-MAY-2001; 2001US-00854280.  
PR 01-JUN-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 05-JUN-2001; 2001WO-US017800.  
PR 14-JUN-2001; 2001US-00874503.  
PR 19-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.

PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAELWLTGLNMPLLAYHIVRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAELWLTGLNMPLLAYHIVRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 42  
 ADB87159  
 ID ADB87159 standard; protein; 144 AA.  
 XX  
 AC  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Human PRO polypeptide #60.  
 XX  
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003088067-A1.  
 XX  
 ED 08-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219479.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI; 2003-657981/62.  
 DR N-PSDB; ADB87158.  
 XX  
 PT One hundred and twenty two nucleic acids encoding PRO polypeptides,  
 PT useful in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 PS Claim 11; Fig 120; 314pp; English.  
 XX  
 CC The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for

CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful  
 CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention.

SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAELWLTGLNMPLLAYHIVRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAELWLTGLNMPLLAYHIVRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 43

ADB84741  
 ID ADB84741 standard; protein; 144 AA.

XX  
 AC ADB84741;  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Human PRO polypeptide #60.  
 XX  
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.

XX Homo sapiens.

XX US2003092890-A1.

XX 15-MAY-2003.

XX 14-AUG-2002; 2002US-00219536.

XX 28-JUL-1999; 99US-0146222P.

PR 24-FEB-2000; 2000WO-US005004.

PR 02-MAR-2000; 2000WO-US005841.

PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2003-777259/73.  
 DR N-PSDB; ADB84740.  
 XX  
 PT New isolated PRO polypeptides, useful for tissue typing, gene therapy, as  
 PT molecular weight markers in protein electrophoresis, and for treating  
 PT arthritis and tumors.  
 XX  
 XX Claim 11; Fig 120; 308pp; English.  
 PS  
 XX The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful  
 CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention.  
 XX  
 XX Sequence 144 AA;  
 SQ  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAACYMLALLTALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAACYMLALLTALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 QY 61 FFCVFLCAAEWLTGLNPLIAYHIWYMRSPVMSGPLGYDPTTMNADILAYCQKSGW 120  
 DB 61 FFCVFLCAAEWLTGLNPLIAYHIWYMRSPVMSGPLGYDPTTMNADILAYCQKSGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 RESULT 44  
 ADB83856  
 ID ADB83856 standard; protein; 144 AA.  
 XX  
 XX ADB83856;  
 AC  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX Homo sapiens.  
 OS US2003069397-A1.  
 XX  
 PN 10-APR-2003.  
 PD  
 XX 09-AUG-2002; 2002US-00216159.  
 PF  
 XX 25-JUL-2000; 2000US-0220607P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 PI WPI; 2003-657584/62.  
 DR N-PSDB; ADB83855.  
 XX  
 XX New isolated polypeptides designated PRO polypeptides including  
 PT polypeptides useful for stimulating the proliferation or differentiation  
 PT of specific cell types, and for diagnosing cancer.  
 XX  
 XX Claim 11; Fig 120; 314pp; English.  
 XX  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO114,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1347, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO3725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO1774, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 XX Sequence 144 AA;  
 SQ  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAACYMLALLTALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAACYMLALLTALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60



QY 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLYDPTTNNADILAYCOKEGW 120  
 Db 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLYDPTTNNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFYFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFYFYLYGMIYVLVSS 144

RESULT 45  
 ADB73011  
 ID ADB73011 standard; protein; 144 AA.  
 AC ADB73011;  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 OS Homo sapiens.  
 XX  
 XX US2003092887-A1.  
 XX  
 XX 15-MAY-2003.  
 XX  
 XX 12-AUG-2002; 2002US-00218956.  
 XX  
 XX 29-JUN-2001; 2001WO-US021066.  
 XX  
 XX 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;  
 FI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;  
 XX  
 XX WPI; 2003-777258/73.  
 XX  
 XX N-PSDB; ADB73010.  
 XX  
 PT Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as  
 PT molecular weight markers, for treating arthritis, tumor.  
 XX  
 XX Claim 11; Fig 120; 308pp; English.  
 XX  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO326, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO

CC polypeptides such as PRO6004, PRO981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 XX Sequence 144 AA;  
 SQ

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCVMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60  
 Db 1 MAFTFAAFCVMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60  
 QY 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLYDPTTNNADILAYCOKEGW 120  
 Db 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLYDPTTNNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFYFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFYFYLYGMIYVLVSS 144

RESULT 46  
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 ID ADB76544 standard; protein; 144 AA.  
 XX  
 AC ADB76544;  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Human PRO polypeptide #48.  
 XX  
 KW Human; PRO polypeptide; secreted protein; transmembrane protein;  
 KW cell death; neuropathy; neuropathy related disease;  
 KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;  
 KW chromosome mapping; gene mapping; genetic disorder; septic shock;  
 KW antibacterial; immunosuppressive; neuroprotective.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003083248-A1.  
 XX  
 XX 01-MAY-2003.  
 XX  
 XX 16-OCT-2001; 2001US-00978757.  
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 XX 03-NOV-1997; 97US-0064249P.  
 XX 13-NOV-1997; 97US-0065311P.  
 XX 21-NOV-1997; 97US-0066364P.  
 XX 10-MAR-1998; 98US-0077450P.  
 XX 11-MAR-1998; 98US-0077632P.  
 XX 11-MAR-1998; 98US-0077641P.  
 XX 11-MAR-1998; 98US-0077649P.  
 XX 12-MAR-1998; 98US-0077791P.  
 XX 13-MAR-1998; 98US-0078004P.  
 XX 20-MAR-1998; 98US-0078866P.  
 XX 20-MAR-1998; 98US-0078910P.  
 XX 20-MAR-1998; 98US-0078936P.

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Tue Jun 15 08:30:06 2004

PR	20-MAR-1998;	98US-0078939P.	PR	28-MAY-1998;	98US-0087098P.
PR	25-MAR-1998;	98US-0079294P.	PR	28-MAY-1998;	98US-0087106P.
PR	26-MAR-1998;	98US-0079656P.	PR	28-MAY-1998;	98US-0087208P.
PR	27-MAR-1998;	98US-0079663P.	PR	26-JUN-1998;	98US-0090863P.
PR	27-MAR-1998;	98US-0079664P.	PR	01-JUL-1998;	98US-0091010P.
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PR	27-MAR-1998;	98US-0079728P.	PR	11-SEP-1998;	98US-0094651P.
PR	30-MAR-1998;	98US-0079786P.	PR	07-OCT-1998;	98US-0100038P.
PR	30-MAR-1998;	98US-0079920P.	PR	20-NOV-1998;	98US-0109304P.
PR	31-MAR-1998;	98US-0080105P.	PR	22-DEC-1998;	98US-0113296P.
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PR	31-MAR-1998;	98US-0080194P.	PR	05-JAN-1999;	98US-0113621P.
PR	01-APR-1998;	98US-0080327P.	PR	08-MAR-1999;	98US-0126773P.
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PR	15-APR-1998;	98US-0081817P.	PR	02-JUN-1999;	98US-0139577P.
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PR	29-APR-1998;	98US-0083392P.	PR	06-JAN-2000;	98US-0162506P.
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PR	29-APR-1998;	98US-0083558P.	PR	21-MAR-2000;	98US-0162506P.
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PR	30-APR-1998;	98US-0083742P.	PR	17-MAY-2000;	98US-0162506P.
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PR	07-MAY-1998;	98US-0084627P.	PR	01-DEC-2000;	98US-0162506P.
PR	07-MAY-1998;	98US-0084637P.	PR	20-DEC-2000;	98US-0162506P.
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PR	13-MAY-1998;	98US-0085323P.	PR	25-MAY-2001;	98US-0162506P.
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PR	13-MAY-1998;	98US-0085339P.	PR	20-JUN-2001;	98US-0162506P.
PR	15-MAY-1998;	98US-0085573P.	PR	29-JUN-2001;	98US-0162506P.
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PR	22-MAY-1998;	98US-0086392P.	PR	30-JUL-2001;	98US-0162506P.
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PR	22-MAY-1998;	98US-0086430P.	PR	30-JUL-2001;	98US-0162506P.
PR	22-MAY-1998;	98US-0086486P.	PR	30-JUL-2001;	98US-0162506P.

(GETH ) GENENTECH INC.

Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KU;  
 Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 Stewart TA, Tumas D, Williams PM, Wood WI;  
 WPI; 2003-755118/71.  
 N-PSDB; ADB76543.



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PR 22-MAY-1998; 98US-0086413P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-00105413.
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PR 01-JUL-1998; 98US-0091359P.
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PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98US-0021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98US-00204855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
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PR 05-JAN-1999; 98US-0113621P.
PR 05-MAR-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US0005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
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PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380137.
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PR 25-AUG-1999; 99US-00380142.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 18-FEB-2000; 2000WO-US003565.
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PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006313.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008433.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
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PR 08-NOV-2000; 2000US-00709238.
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PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.

PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
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PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00862636.
PR 19-JUN-2001; 2001US-00866342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
XX

Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYPIHA 60
DB 1 MAFTFAAFCYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYPIHA 60
QY 61 FFCVNFCAAEWLTGLNPLLAYHWRVMSRPVMSGPLXDPTTMMADILAYCQEGW 120
DB 61 FFCVNFCAAEWLTGLNPLLAYHWRVMSRPVMSGPLXDPTTMMADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 48
ADC61730
ID ADC61730 standard; protein; 144 AA.
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AC ADC61730;
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DT 18-DEC-2003 (first entry)
XX
DE Human secreted/transmembrane protein, PRO181.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; anti-rheumatic; vulnary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
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XX US2003049684 A1.
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PD 13-MAR-2003.
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PF 24-OCT-2001; 2001US-00017081.
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PR 30-JUL-2001; 2001US-00918585.
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PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
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Best Local Similarity 100.0%; Pred. No. 2.2e-95;
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XX
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KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW Ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
XX US2003054405-A1.
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PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX

Query Match 100.0%; Score 784; DB 7; Length 144;
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Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 50
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DT 18-DEC-2003 (first entry)
XX
DE Human secreted/transmembrane protein, PRO181.
XX
KW vulnary; virucide; neuroprotective; cytostatic; gene therapy;
KW tumour cell proliferation inhibitor;
KW secreted and transmembrane protein; PRO; viral infection; wound healing;
KW tissue growth; muscle generation; muscle regeneration;
KW amyotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;
KW diabetic peripheral neuropathy; chromosome identification; antagonist;
KW tissue typing; immunohistochemical staining.
XX
OS Homo sapiens.
XX
PN US2003060406-A1.
XX
PD 27-MAR-2003.
XX
PF 30-JUL-2001; 2001US-00918585.
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XX XX  
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX XX  
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XX XX  
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 PR 24-FEB-2000; 2000WO-US005004.  
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 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
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 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WT;  
 XX  
 DR WPI; 2003-695924/66.  
 DR N-PSDB; ADC62977.  
 XX

New isolated secreted and transmembrane PRO polypeptides, useful in the preparation of a medicament for treating a condition responsive to the polypeptide, and as therapeutic agents e.g. vaccines.

Claim 12; SEQ ID NO 322; 467pp; English.

The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFFAIWHIIADEFELKTDYKNPIDQNTLNPLVLEYLHA 60

Db 1 MAFTFAFCYMLALLTAALIFFFAIWHIIADEFELKTDYKNPIDQNTLNPLVLEYLHA 60

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Db 61 FFCVNFCLCAAEWLTGLNMPILLAYHIWYMRPVMSPGGLYDPTTINMADILAYCOKEGW 120

QY 121 CKLAFYLLAFYLYGMYLVVSS 144



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PR 30-DEC-1999; 99WO-US031274.  
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PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
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PR 22-MAY-2000; 2000WO-US014042.  
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PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
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PI Kljavin LJ, Kuo SS, Nappi MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
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DR WPI; 2003-657582/62.  
DR N-PSDB; ADC68042.  
XX  
XX  
PT Novel secreted and transmembrane polypeptides, designated PRO  
PT polypeptides, and polynucleotides encoding them useful for treating  
PT kidney diseases, bone, cartilage and retinal disorders.  
XX  
XX  
PS Claim 12; SEQ ID NO 322; 468pp; English.  
XX  
CC The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting

Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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1 MAFTFAAFVWMLALLTAALFFRAIHIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60  
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QY 121 CKLAFFYLLAFAFYLYGMIVLVSS 144  
DB 121 CKLAFFYLLAFAFYLYGMIVLVSS 144  
RESULT 54  
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ID ADC41363 standard; protein; 144 AA.  
XX  
AC ADC41363;  
XX  
DT 18-DEC-2003 (first entry)  
XX  
DE Human secreted/transmembrane protein, PRO181.  
XX  
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX  
OS Homo sapiens.  
XX  
PN US2003072745-A1.  
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PD 17-APR-2003.  
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PF 25-OCT-2001; 2001US-00013929.  
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PR 15-APR-1998; 98US-0081838P.  
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PR	22-APR-1998	98US-0082804P.	PR	16-DEC-1999	99WO-US030095.
PR	23-APR-1998	98US-0082796P.	PR	30-DEC-1999	99WO-US031243.
PR	27-APR-1998	98US-0083336P.	PR	30-DEC-1999	99WO-US031274.
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PR	29-APR-1998	98US-0083496P.	PR	11-FEB-2000	2000WO-US003565.
PR	29-APR-1998	98US-0083499P.	PR	18-FEB-2000	2000WO-US000431.
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PR	22-DEC-1998	98US-0113296P.	XX		
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PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
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PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 30-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Fikvaroff E, Fong S, Gao W, Gerber H, Gerritsen WE;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;
XX
XX WPI: 2003-743810/70.
XX N-PSDB; ADC67417.
XX
XX Novel isolated secreted and transmembrane PRO polypeptides, useful in the
XX preparation of a medicament for treating a condition responsive to the
XX polypeptide, and as therapeutic agents e.g. vaccines.
XX
XX Claim 12; SEQ ID NO 322; 464pp; English.
XX
XX The invention describes an isolated secreted and transmembrane PRO
XX polypeptide (1). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615
XX is useful in biotechnological and medical research, as well as in various
XX industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,
XX PRO708, PRO320, PRO351, PRO352, PRO381, PRO615, PRO618, PRO772, PRO853,
XX PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful
XX therapeutically in vivo for lessening the effects of viral infection.
XX PRO200 is useful for the treatment of wound healing, tissue growth and
XX muscle generation and regeneration. PRO337 is useful for treating
XX
XX Query Match 100.0%; Score 784; DB 7; Length 144;
XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;
XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 1 MAFTFAACFYMLALLTAALFFAIHWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
XX
XX 1 MAFTFAACFYMLALLTAALFFAIHWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
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XX 61 FFCVMFLCAEWLTLGLNMPLLAYHIWYMSRPVMSGPLGYDPTTINMADILAYCQKEGW 120
XX

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Db 61 FFCVMFLCAEWLTLGLNMPLLAYHIWYMSRPVMSGPLGYDPTTINMADILAYCQKEGW 120
QY 121 CKLAFFYLLAFAFFYYLYGMIVLVSS 144
Db 121 CKLAFFYLLAFAFFYYLYGMIVLVSS 144
RESULT 56
ADC62354
ID ADC62354 standard; protein; 144 AA.
XX AC ADC62354;
XX DT 18-DEC-2003 (first entry)
XX DE Human secreted/transmembrane protein, PRO181.
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
XX auditory; tumour growth; retinal disorder; sports-related joint problem;
XX articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX wound healing; hearing loss.
XX OS Homo sapiens.
XX PN US2003073624-A1.
XX PD 17-APR-2003.
XX PF 15-OCT-2001; 2001US-00978193.
XX PR 17-OCT-1997; 97US-0062250P.
XX PR 13-NOV-1997; 97US-0064249P.
XX PR 13-NOV-1997; 97US-0065311P.
XX PR 21-NOV-1997; 97US-0066364P.
XX PR 10-MAR-1998; 98US-0077450P.
XX PR 11-MAR-1998; 98US-0077632P.
XX PR 11-MAR-1998; 98US-0077641P.
XX PR 11-MAR-1998; 98US-0077649P.
XX PR 12-MAR-1998; 98US-0077791P.
XX PR 13-MAR-1998; 98US-0078004P.
XX PR 17-MAR-1998; 98US-00040220.
XX PR 20-MAR-1998; 98US-0078886P.
XX PR 20-MAR-1998; 98US-0078910P.
XX PR 20-MAR-1998; 98US-0078936P.
XX PR 20-MAR-1998; 98US-0078939P.
XX PR 25-MAR-1998; 98US-0079294P.
XX PR 26-MAR-1998; 98US-0079656P.
XX PR 27-MAR-1998; 98US-0079663P.
XX PR 27-MAR-1998; 98US-0079664P.
XX PR 27-MAR-1998; 98US-0079689P.
XX PR 27-MAR-1998; 98US-0079728P.
XX PR 27-MAR-1998; 98US-0079786P.
XX PR 30-MAR-1998; 98US-0079920P.
XX PR 30-MAR-1998; 98US-0079923P.
XX PR 31-MAR-1998; 98US-0080105P.
XX PR 31-MAR-1998; 98US-0080107P.
XX PR 31-MAR-1998; 98US-0080194P.
XX PR 01-APR-1998; 98US-0080327P.
XX PR 01-APR-1998; 98US-0080328P.
XX PR 01-APR-1998; 98US-0080333P.
XX PR 01-APR-1998; 98US-0080334P.
XX PR 08-APR-1998; 98US-0081049P.
XX PR 08-APR-1998; 98US-0081070P.
XX PR 08-APR-1998; 98US-0081071P.
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XX PR 09-APR-1998; 98US-0081203P.
XX PR 09-APR-1998; 98US-0081229P.
XX PR 15-APR-1998; 98US-0081817P.
XX PR 15-APR-1998; 98US-0081819P.
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XX PR 15-APR-1998; 98US-0081952P.
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Db      61 FFCVFLCAAEWLTGLNNPLLAYHWRYSRPMVSGGLYDPTTMMNADILAYCQKEGW 120
      121 CKLAFYLLAFFYLYGMIYVLVSS 144
      121 CKLAFYLLAFFYLYGMIYVLVSS 144
      121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 57
ADC36849
ID ADC36849 standard; protein; 144 AA.
XX AC ADC36849;
XX DT 18-DEC-2003 (first entry)
XX DE Human PRO polypeptide #60.
XX KW Human; PRO: secreted polypeptide; transmembrane polypeptide; tumour;
KW cancer; lung; colon; breast; prostate; rectum; liver;
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
KW arthritis; sports injury; cytostatic; antiarthritic.
XX OS Homo sapiens.
XX PN US2003088065-A1.
XX PD 08-MAY-2003.
XX PF 14-AUG-2002; 2002US-00219464.
XX PR 01-JUN-2001; 2001WO-US017800.
XX PR 29-JUN-2001; 2001WO-US021066.
XX PR 09-APR-2002; 2002US-00119480.
XX (GETH ) GENENTECH INC.
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX N-PSDB; ADC36848.
XX WPI: 2003-657979/62.
XX One hundred and twenty two nucleic acids encoding PRO polypeptides,
XX useful in gene therapy, or for preparing a medicament for treating
XX cancer.
XX Claim 11; Fig 120; 315pp; English.
XX The invention relates to human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX blood, for stimulating the proliferation or differentiation of
XX chondrocyte cells, for stimulating the proliferation of or gene
XX expression in pericyte cells or for stimulating the proliferation of
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX technology, in generating transgenic animals or knock-out animals which
XX may be used in the development and screening of therapeutically useful
XX reagents, in gene therapy, in chromosome identification, as chromosome
XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX antibodies, are useful for preparing a medicament for treating a
XX condition which is responsive to the PRO polypeptides or anti-PRO
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX molecular markers for protein electrophoresis, and in tissue typing. This
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CC sequence represents a human PRO polypeptide of the invention.
XX SQ Sequence 144 AA;
      Query Match      100.0%; Score 784; DB 7; Length 144;
      Best Local Similarity 100.0%; Pred. No. 2.2e-85;
      Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPIYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPIYLIHA 60
QY 61 FFCVFLCAAEWLTGLNNPLLAYHWRYSRPMVSGGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTGLNNPLLAYHWRYSRPMVSGGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 58
ADC41987
ID ADC41987 standard; protein; 144 AA.
XX AC ADC41987;
XX DT 18-DEC-2003 (first entry)
XX DE Human secreted/transmembrane protein, PRO181.
XX KW Human; secreted protein; transmembrane protein; PRO: cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX OS Homo sapiens.
XX PN US2003104998-A1.
XX PD 05-JUN-2003.
XX PF 16-OCT-2001; 2001US-00978643.
XX PR 17-OCT-1997; 97US-0062250P.
XX PR 03-NOV-1997; 97US-0064249P.
XX PR 13-NOV-1997; 97US-0065311P.
XX PR 21-NOV-1997; 97US-0066364P.
XX PR 10-MAR-1998; 98US-0077450P.
XX PR 11-MAR-1998; 98US-0077632P.
XX PR 11-MAR-1998; 98US-0077641P.
XX PR 11-MAR-1998; 98US-0077649P.
XX PR 12-MAR-1998; 98US-0077791P.
XX PR 13-MAR-1998; 98US-0078004P.
XX PR 17-MAR-1998; 98US-00040220.
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PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 02-JUN-2000; 2000WO-US014941.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001WO-US0016920.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-00854280.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-00886342.  
PR 29-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.

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PR 30-JUL-2001; 2001US-00918585.
XX (GETH ) GENENTECH INC.
XX
XX Query Match 100.0%; Score 784; DB 7; Length 144;
XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;
XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60

QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKSGW 120
DB 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKSGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 59
ADC21839
ID ADC21839 standard; protein; 144 AA.
XX AC ADC21839;
XX
XX 18-DEC-2003 (first entry)
XX
XX Human PRO polypeptide #60.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;
XX cancer; lung; colon; breast; prostate; rectum; liver;
XX tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
XX pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
XX arthritis; sports injury; cytostatic; antiarthritic.
XX
XX Homo sapiens.
XX
XX US2003096969-A1.
XX
XX 22-MAY-2003.
XX
XX 29-AUG-2002; 2002US-00232225.
XX
XX 02-JUN-2000; 2000WO-US015264.
XX
XX 05-JUN-2000; 2000US-0209832P.
XX
XX 20-JUN-2000; 2000US-0212901P.
XX
XX 22-JUN-2000; 2000US-0213807P.
XX
XX 20-JUL-2000; 2000US-0219556P.
XX
XX 25-JUL-2000; 2000US-0220585P.
XX
XX 25-JUL-2000; 2000US-0220605P.
XX
XX 25-JUL-2000; 2000US-0220607P.
XX
XX 25-JUL-2000; 2000US-0220624P.
XX
XX 25-JUL-2000; 2000US-0220638P.
XX
XX 25-JUL-2000; 2000US-0220664P.
XX
XX 25-JUL-2000; 2000US-0220666P.
XX
XX 26-JUL-2000; 2000US-0220893P.
XX
XX 01-AUG-2000; 2000US-0222425P.
XX
XX 22-AUG-2000; 2000US-0227133P.
XX
XX 23-AUG-2000; 2000WO-US023522.
XX
XX 24-AUG-2000; 2000WO-US023328.
XX
XX 10-NOV-2000; 2000WO-US030873.
XX
XX 28-NOV-2000; 2000US-0253646P.
XX
XX 01-DEC-2000; 2000WO-US032678.
XX
XX 20-DEC-2000; 2000US-00747259.
XX
XX 20-DEC-2000; 2000WO-US034956.
XX
XX 28-FEB-2001; 2001WO-US006520.
XX
XX 25-MAY-2001; 2001WO-US017092.
XX
XX 01-JUN-2001; 2001WO-US017800.
XX
XX 29-JUN-2001; 2001WO-US021066.
XX
XX 09-APR-2002; 2002US-00119480.

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XX PA (GETH ) GENENTECH INC.
XX
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX
XX WPI; 2003-765526/72.
XX N-PSDB; ADC21838.
XX
XX Novel isolated PRO polypeptide useful for tissue typing, as molecular
XX weight markers in protein electrophoresis, for treating arthritis, tumor.
XX
XX Claim 11; Fig 120; 308pp; English.
XX
XX The invention relates to human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX blood, for stimulating the proliferation or differentiation of
XX chondrocyte cells, for stimulating the proliferation of or gene
XX expression in pericyte cells or for stimulating the proliferation of
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX technology, in generating transgenic animals or knock-out animals which
XX may be used in the development and screening of therapeutically useful
XX reagents, in gene therapy, in chromosome identification, as chromosome
XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX antibodies, are useful for preparing a medicament for treating a
XX condition which is responsive to the PRO polypeptides or anti-PRO
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX molecular markers for protein electrophoresis, and in tissue typing. This
XX sequence represents a human PRO polypeptide of the invention.
XX
XX Sequence 144 AA;
XX
XX Query Match 100.0%; Score 784; DB 7; Length 144;
XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;
XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60

QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKSGW 120
DB 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKSGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 60
ADC49870
ID ADC49870 standard; protein; 144 AA.
XX AC ADC49870;
XX
XX 18-DEC-2003 (first entry)
XX
XX Novel human secreted and transmembrane protein PRO181.
XX
XX human; secreted and transmembrane protein; PRO; cytostatic; vulnery;
XX antiarthritic; pericyte cell proliferation;
XX pericyte cell differentiation; chondrocyte cell proliferation;
XX chondrocyte cell differentiation; tumour necrosis factor alpha release;
XX (TNF)-alpha release; dermal fibroblast cell proliferation.
XX

```

KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX Homo sapiens.

XX US2003088064-A1.

XX 08-MAY-2003.

PF 14-AUG-2002; 2002US-00219075.

XX 25-JUL-2000; 2000US-0220605P.

PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

PI WPI; 2003-801154/75.

DR N-PSDB; ADC49869.

XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 PT medicament for treating a condition that is responsive to the PRO  
 PT polypeptide or anti-PRO antibody, e.g. cancer.

XX Claim 11; SEQ ID NO 120; 314pp; English.

XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO331, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080.  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
 CC PRO1887, PRO1328, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIITAFDELKTDYKNDQCNLTNPVLPEYLIIA 60  
 DB |||||  
 1 MAFTFAFCYMLALLTAALIFFAIWHIITAFDELKTDYKNDQCNLTNPVLPEYLIIA 60  
 QY 61 FFCVWFLCAAEWLTGLNPLIAYHWRVMSRPVMSGPLGYDPTTINADILAYCQKCGW 120  
 DB |||||  
 61 FFCVWFLCAAEWLTGLNPLIAYHWRVMSRPVMSGPLGYDPTTINADILAYCQKCGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB |||||  
 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 61

ADC49069

ID ADC49069 standard; protein; 144 AA.

XX ADC49069;

DT 18-DEC-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO181.

XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;

XX Homo sapiens.

XX OS

XX US2003088070-A1.

XX 08-MAY-2003.

XX 28-AUG-2002; 2002US-00230260.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

PI WPI; 2003-801155/75.

DR N-PSDB; ADC49068.

XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 PT in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.

XX Claim 11; SEQ ID NO 120; 315pp; English.

XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO331, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
 CC PRO1887, PRO1328, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

CC	PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells.	
CC	PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and CC transmembrane PRO polypeptide.	
XX	Sequence 144 AA;	
SQ	Query Match 100.0%; Score 784; DB 7; Length 144; Best Local Similarity 100.0%; Pred. No. 2.2e-85; Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	
Db	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	
Qy	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINADILAYCQKEGW 120	
Db	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINADILAYCQKEGW 120	
Qy	121 CKLAFYLLAFYYLYGMIYLVSS 144	
Db	121 CKLAFYLLAFYYLYGMIYLVSS 144	
RESULT 62		
ID	ADC49586	
XX	ADC49586 standard; protein; 144 AA.	
AC	ADC49586;	
XX	18-DEC-2003 (first entry)	
DT	Novel human secreted and transmembrane protein PRO181.	
XX	human; secreted and transmembrane protein; PRO; cytostatic; vulnary; antiarthritic; pericyte cell proliferation;	
KW	pericyte cell differentiation; chondrocyte cell proliferation;	
KW	chondrocyte cell differentiation; tumour necrosis factor alpha release; (TNF)-alpha release; dermal fibroblast cell proliferation;	
KW	dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;	
KW	colon tumour; breast tumour; prostate tumour; rectal tumour;	
KW	liver tumour; tissue typing; chromosome mapping; gene mapping;	
KW	gene therapy.	
XX	Homo sapiens.	
OS	US2003088071-A1.	
PN	08-MAY-2003.	
EP	29-AUG-2002; 2002US-00232231.	
PF	01-JUN-2001; 2001WO-US017800.	
XX	29-JUN-2001; 2001WO-US021066.	
PR	09-APR-2002; 2002US-00119480.	
PR		
XX	(GETH ) GENENTECH INC.	
PA	Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski EJ;	
XX	Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	
PI	WPI: 2003-801156/75.	
XX	N-PSDB; ADC49585.	
DR	New PRO polypeptides and nucleic acids encoding the polypeptides, useful in gene therapy, chromosome identification, tissue typing, or as hybridization probes in chromosome and gene mapping.	
XX	Claim 11; SEQ ID NO 120; 315pp; English.	
XX	The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of or gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO311, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells. CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and CC transmembrane PRO polypeptide.	
XX	Sequence 144 AA;	
SQ	Query Match 100.0%; Score 784; DB 7; Length 144; Best Local Similarity 100.0%; Pred. No. 2.2e-85; Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	
Db	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	
Qy	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINADILAYCQKEGW 120	
Db	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINADILAYCQKEGW 120	
Qy	121 CKLAFYLLAFYYLYGMIYLVSS 144	
Db	121 CKLAFYLLAFYYLYGMIYLVSS 144	
RESULT 62		
ID	ADC49586	
XX	ADC49586 standard; protein; 144 AA.	
AC	ADC49586;	
XX	18-DEC-2003 (first entry)	
DT	Novel human secreted and transmembrane protein PRO181.	
XX	human; secreted and transmembrane protein; PRO; cytostatic; vulnary; antiarthritic; pericyte cell proliferation;	
KW	pericyte cell differentiation; chondrocyte cell proliferation;	
KW	chondrocyte cell differentiation; tumour necrosis factor alpha release; (TNF)-alpha release; dermal fibroblast cell proliferation;	
KW	dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;	
KW	colon tumour; breast tumour; prostate tumour; rectal tumour;	
KW	liver tumour; tissue typing; chromosome mapping; gene mapping;	
KW	gene therapy.	
XX	Homo sapiens.	
OS	US2003088071-A1.	
PN	08-MAY-2003.	
EP	29-AUG-2002; 2002US-00232231.	
PF	01-JUN-2001; 2001WO-US017800.	
XX	29-JUN-2001; 2001WO-US021066.	
PR	09-APR-2002; 2002US-00119480.	
PR		
XX	(GETH ) GENENTECH INC.	
PA	Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski EJ;	
XX	Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	
PI	WPI: 2003-801156/75.	
XX	N-PSDB; ADC49585.	
DR	New PRO polypeptides and nucleic acids encoding the polypeptides, useful in gene therapy, chromosome identification, tissue typing, or as hybridization probes in chromosome and gene mapping.	
XX	Claim 11; SEQ ID NO 120; 315pp; English.	
XX	The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of or gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO311, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells. CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and CC transmembrane PRO polypeptide.	
XX	Sequence 144 AA;	
SQ	Query Match 100.0%; Score 784; DB 7; Length 144; Best Local Similarity 100.0%; Pred. No. 2.2e-85; Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	
Db	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	
Qy	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINADILAYCQKEGW 120	
Db	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINADILAYCQKEGW 120	
Qy	121 CKLAFYLLAFYYLYGMIYLVSS 144	
Db	121 CKLAFYLLAFYYLYGMIYLVSS 144	
RESULT 63		
ADC47447		
ID	ADC47447 standard; protein; 144 AA.	

XX AC ADC47447;  
XX DT 18-DEC-2003 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
XX KW antiarthritic; pericyte cell proliferation;  
XX KW pericyte cell differentiation; chondrocyte cell proliferation;  
XX KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
XX KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
XX KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
XX KW gene therapy.  
XX OS Homo sapiens.  
XX XX US2003088072-A1.  
XX PN  
XX PD 08-MAY-2003.  
XX PF 29-AUG-2002; 2002US-00232233.  
XX PR 25-JUL-2000; 2000US-0220605P.  
XX PR 01-JUN-2001; 2001WO-US017800.  
XX PR 29-JUN-2001; 2001WO-US021066.  
XX PR 09-APR-2002; 2002US-00119480.  
XX XX (GETH) GENENTECH INC.  
XX PI Baker KP, Deanoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX DR WPI; 2003-801157/75.  
XX DR N-PSDB; ADC47446.  
XX XX New PRO polypeptide for use as molecular weight markers for protein  
XX PT electrophoresis purposes and for detecting the presence of tumor in a  
XX PT mammal.  
XX PS Claim 11; Fig 120; 314pp; English.  
XX XX The invention describes an isolated PRO (secreted and transmembrane)  
XX CC polypeptide (I). PRO382, PRO1160, PRO1187 or PRO1329 polypeptide are  
XX CC useful for stimulating the proliferation of or gene expression in  
XX CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
XX CC for stimulating the proliferation or differentiation of chondrocyte  
XX CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
XX CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
XX CC alpha from human blood. PRO382, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
XX CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080.  
XX CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
XX CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
XX CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
XX CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
XX CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
XX CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
XX CC stimulating the proliferation of normal human dermal fibroblasts cells.  
XX CC PRO35723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
XX CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
XX CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
XX CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
XX CC are useful for detecting the presence of tumour in a mammal which  
XX CC involves comparing the level of expression of the above PRO polypeptides  
XX CC in a test sample of cells taken from the mammal, and a control sample of  
XX CC normal cells of the same cell type, where a higher level of expression of  
XX CC the PRO polypeptides in the test sample as compared to the control sample  
XX CC is indicative of the presence of tumour in the mammal. The tumour is lung  
XX CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
XX CC liver tumour. (I) is useful as molecular weight markers, for tissue  
XX CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is

CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX SQ Sequence 144 AA;  
XX Query Match 100.0%; Score 784; DB 7; Length 144;  
XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCVYMLALLTAALIFFAFHIIADELKTYKNIIDQNTLNPLVPEYLHA 60  
DB 1 MAFTFAFCVYMLALLTAALIFFAFHIIADELKTYKNIIDQNTLNPLVPEYLHA 60  
QY 61 PFCVMFLCAAEWLTGLNMPLLAYHWMYMRPVMSPGLYDPTTINADILAYCQKEGW 120  
DB 61 PFCVMFLCAAEWLTGLNMPLLAYHWMYMRPVMSPGLYDPTTINADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
RESULT 64  
ADC47192  
ID ADC47192 standard; protein; 144 AA.  
XX AC  
XX AC ADC47192;  
XX DT 18-DEC-2003 (first entry)  
XX XX  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
XX KW antiarthritic; pericyte cell proliferation;  
XX KW pericyte cell differentiation; chondrocyte cell proliferation;  
XX KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
XX KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
XX KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
XX KW gene therapy.  
XX XX Homo sapiens.  
XX OS  
XX XX US2003105288-A1.  
XX PN  
XX PD 05-JUN-2003.  
XX PF 13-AUG-2002; 2002US-00219070.  
XX PR 25-JUL-2000; 2000US-02206066P.  
XX PR 01-JUN-2001; 2001WO-US017800.  
XX PR 29-JUN-2001; 2001WO-US021066.  
XX PR 09-APR-2002; 2002US-00119480.  
XX XX (GETH) GENENTECH INC.  
XX PI Baker KP, Deanoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX DR WPI; 2003-801246/75.  
XX DR N-PSDB; ADC47191.  
XX XX New isolated nucleic acid encoding a secreted and transmembrane  
XX PT polypeptide (PRO), for use in recombinantly producing a PRO polypeptide,  
XX PT as a hybridization probe, and in gene therapy.  
XX PS Claim 11; Fig 120; 308pp; English.  
XX XX

CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1131, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO1801, PRO4341, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblast cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1131, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO1801, PRO4341, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblast cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60  
 DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60  
 QY 61 FFCVFLCAEWLTGLNMLPILAYHIWYMSRPMVSGPLYDPTTINADILAYCOKEGW 120  
 DB 61 FFCVFLCAEWLTGLNMLPILAYHIWYMSRPMVSGPLYDPTTINADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 65

ADC78067

ID ADC78067 standard; protein; 144 AA.

XX ADC78067;

XX 01-JAN-2004 (first entry)

DE Novel human secreted and transmembrane protein PRO181.

XX Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;

KW gene therapy.  
 XX Homo sapiens.  
 XX US2003096972-A1.  
 XX 22-MAY-2003.  
 XX 29-AUG-2002; 2002US-00232234.  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX 29-JUN-2001; 2001WO-US021066.  
 XX 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 DR WPI: 2003-765529/72.  
 DR N-PSDB; ADC78066.  
 XX Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as  
 PT molecular weight markers, for treating arthritis and tumor.  
 XX Claim 11; Fig 120; 308pp; English.

The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1131, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO1801, PRO4341, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblast cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60  
 DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60



QY 61 FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 66  
 ADD06302  
 ID ADD06302 standard; protein; 144 AA.  
 XX  
 AC ADD06302;  
 XX  
 DT 01-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003073916-A1.  
 XX  
 PD 17-APR-2003.  
 XX  
 XX 26-AUG-2002; 2002US-00227873.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021086.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 XX WPI; 2003-644807/61.  
 DR N-PSDB; ADD06301.  
 XX  
 XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 PT in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 XX  
 PS Claim 11; SEQ ID NO 120; 314pp; English.  
 XX  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1340, PRO1305, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO1341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO725, PRO7154, or PRO7425 polypeptide are useful for

CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFVCMALLLTAALIFFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 DB 1 MAFTFAAFVCMALLLTAALIFFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 QY 61 FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 67  
 ADD10291  
 ID ADD10291 standard; protein; 144 AA.  
 XX  
 AC ADD10291;  
 XX  
 DT 01-JAN-2004 (first entry)  
 XX  
 DE Human secreted/transmembrane PRO polypeptide #1.  
 XX  
 KW human; secreted protein; transmembrane protein; cardiovascular disorder;  
 KW endothelial disorder; angiogenic disorder; myocardial infarction;  
 KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
 KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
 KW endothelial cell tube formation.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003105011-A1.  
 XX  
 PD 05-JUN-2003.  
 XX  
 PF 16-AUG-2002; 2002US-00223084.  
 XX  
 PR 15-SEP-2000; 2000US-0232887P.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 20-FEB-2002; 2002US-00081056.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
 PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;  
 PI Watanabe CK, Williams PM, Wood WI, Ye W;  
 XX WPI; 2003-810831/76.  
 DR

```
DR N-PSDB; ADD10290.
XX New isolated nucleic acid encoding a secreted and transmembrane
PT polypeptide for treating a cardiovascular, endothelial, or angiogenic
PT disorder in a mammal, such as cancer or age-related macular degeneration.
XX
XX Claim 11; SEQ ID NO 2; 493pp; English.
XX
XX The invention relates to an isolated nucleic acid encoding a secreted and
CC transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded
CC by the nucleic acid, or an agonist or antagonist, is used to treat a
CC cardiovascular, endothelial, or angiogenic disorder in a mammal.
CC preferably a human. The human may have suffered a myocardial infarction
CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular
CC degeneration. The cardiac hypertrophy is characterised by the presence of
CC an elevated level of pGF-2 alpha. A PRO polypeptide, given in the
CC specification, or an agonist is used to inhibit or stimulate endothelial
CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac
CC hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.
CC PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO
CC polypeptide, given in the specification, or an agonist is used to
CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial
CC cell tube formation. The present sequence represents the amino acid
CC sequence of a PRO polypeptide of the invention.
XX
XX Sequence 144 AA;
SQ
Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
DB 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
DB 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144
RESULT 68
ADC77821
ID ADC77821 standard; protein; 144 AA.
XX
XX AC ADC77821;
XX
XX DT 01-JAN-2004 (first entry)
XX
XX DE Novel human secreted and transmembrane protein PRO181.
XX
XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnery;
XX antiarthritic; pericyte cell proliferation;
XX KW chondrocyte cell differentiation; chondrocyte cell proliferation;
XX (TNF)-alpha release; dermal fibroblast cell proliferation;
XX KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;
XX
XX OS Homo sapiens.
XX
XX FN US2003088066-A1.
XX
XX PD 08-MAY-2003.
XX
XX PF 13-AUG-2002; 2002US-00219466.
XX
XX PR 01-JUN-2001; 2001WO-US017800.
PR N-PSDB; 2001WO-US021066.
PR 09-APR-2002; 2002US-00119480.
XX (GETH ) GENENTECH INC.
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski RJ,
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX WPI; 2003-657980/62.
DR N-PSDB; ADC77820.
XX
XX One hundred and twenty two nucleic acids encoding PRO polypeptides,
PT useful in gene therapy, or for preparing a medicament for treating a
PT condition that is responsive to the PRO polypeptide or anti-PRO antibody,
PT e.g. cancer.
XX
XX Claim 11; Fig 120; 314pp; English.
XX
XX The invention describes an isolated PRO (secreted and transmembrane)
CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are
CC useful for stimulating the proliferation of or gene expression in
CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful
CC for stimulating the proliferation or differentiation of chondrocyte
CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide
CC are useful for stimulating the release of tumour necrosis factor (TNF)-
CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,
CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,
CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,
CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,
CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,
CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,
CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for
CC stimulating the proliferation of normal human dermal fibroblasts cells.
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,
CC are useful for detecting the presence of tumour in a mammal which
CC involves comparing the level of expression of the above PRO polypeptides
CC in a test sample of cells taken from the mammal, and a control sample of
CC normal cells of the same cell type, where a higher level of expression of
CC the PRO polypeptides in the test sample as compared to the control sample
CC is indicative of the presence of tumour in the mammal. The tumour is lung
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or
CC liver tumour. (i) is useful as molecular weight markers, for tissue
CC typing, or as therapeutic agents. A polynucleotide (ii) encoding (i) is
CC useful for chromosome and gene mapping or gene therapy. (ii) is useful
CC for generating transgenic animals or knock-out animals which are useful
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,
CC sport injuries). This is the amino acid sequence of a human secreted and
CC transmembrane PRO polypeptide.
XX
XX Sequence 144 AA;
Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
DB 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
DB 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144
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RESULT 69
ADD11251
ID ADD11251 standard; protein; 144 AA.
XX AC
XX AC
XX ADD11251;
XX DT
XX DT 01-JAN-2004 (first entry)
XX DE
XX DE Human secreted/transmembrane PRO polypeptide #1.
XX KW
XX KW human; secreted protein; transmembrane protein; cardiovascular disorder;
XX KW endothelial disorder; angiogenic disorder; myocardial infarction;
XX KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;
XX KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;
XX KW endothelial cell tube formation.
XX OS
XX OS Homo sapiens.
XX PN
XX PN US2003105013-A1.
XX PD
XX PD 05-JUN-2003.
XX PF
XX PF 16-AUG-2002; 2002US-00223090.
XX PR
XX PR 20-JUN-2001; 2001WO-US019692.
XX PR 09-JUL-2001; 2001WO-US021735.
XX PR 20-FEB-2002; 2002US-00081056.
XX PA
XX PA (GETH ) GENENTECH INC.
XX PI
XX PI Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;
XX PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;
XX PI Watanabe CK, Williams PM, Wood WI, Ye W;
XX XX
XX WPI: 2003-801242/75.
XX DR
XX DR N-PSDB; ADD11250.
XX XX
XX PT
XX PT New isolated nucleic acid encoding a secreted and transmembrane
XX PT polypeptide, useful for treating a cardiovascular, endothelial, or
XX PT angiogenic disorder in a mammal, such as cancer or age-related macular
XX PT degeneration.
XX PS
XX PS Claim 11; SEQ ID NO 2; 493pp; English.
XX CC
XX CC The invention relates to an isolated nucleic acid encoding a secreted and
XX CC transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded
XX CC by the nucleic acid, or an agonist or antagonist, is used to treat a
XX CC cardiovascular, endothelial, or angiogenic disorder in a mammal,
XX CC preferably a human. The human may have suffered a myocardial infarction
XX CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular
XX CC degeneration. The cardiac hypertrophy is characterised by the presence of
XX CC an elevated level of PGF-2 alpha. A PRO polypeptide, given in the
XX CC specification, or an agonist is used to inhibit or stimulate endothelial
XX CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac
XX CC hypertrophy. PRO1376 or PRO149 is used to stimulate angiogenesis.
XX CC PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO
XX CC polypeptide, given in the specification, or an agonist is used to
XX CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial
XX CC cell tube formation. The present sequence represents the amino acid
XX CC sequence of a PRO polypeptide of the invention.
XX SQ
Sequence 144 AA;
Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIIHA 60
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIIHA 60
QY 61 FFCVMFLCAEWLITGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120

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Db 61 FFCVMFLCAEWLITGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144
RESULT 70
ADD50784
ID ADD50784 standard; protein; 144 AA.
XX AC
XX AC ADD50784;
XX DT
XX DT 15-JAN-2004 (first entry)
XX DE
XX DE Novel human secreted and transmembrane protein PRO181.
XX KW
XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;
XX KW antiarthritic; pericyte cell proliferation;
XX KW pericyte cell differentiation; chondrocyte cell proliferation;
XX KW chondrocyte cell differentiation; tumour necrosis factor alpha release;
XX KW (TNF)-alpha release; dermal fibroblast cell proliferation;
XX KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;
XX XX
XX OS
XX OS Homo sapiens.
XX PN
XX PN US2003105291-A1.
XX PD
XX PD 05-JUN-2003.
XX PF
XX PF 26-AUG-2002; 2002US-00227877.
XX PR
XX PR 29-JUN-2001; 2001WO-US021066.
XX PR 09-APR-2002; 2002US-00119480.
XX PA
XX PA (GETH ) GENENTECH INC.
XX PI
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX XX
XX WPI: 2003-829361/77.
XX DR
XX DR N-PSDB; ADD50783.
XX CC
XX CC New isolated nucleic acid encoding a secreted and transmembrane
XX CC polypeptide (PRO), for use in recombinantly producing a PRO polypeptide,
XX CC as a hybridization probe, and in gene therapy.
XX PS
XX PS Claim 11; Fig 120; 308pp; English.
XX CC
XX CC The invention describes an isolated PRO (secreted and transmembrane)
XX CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are
XX CC useful for stimulating the proliferation of or gene expression in
XX CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful
XX CC for stimulating the proliferation or differentiation of chondrocyte
XX CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide
XX CC are useful for stimulating the release of tumour necrosis factor (TNF)-
XX CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,
XX CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,
XX CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,
XX CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,
XX CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,
XX CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1317, PRO1760, PRO1567,
XX CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4444, PRO4322,
XX CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for
XX CC stimulating the proliferation of normal human dermal fibroblasts cells.
XX CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4409,
XX CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for
XX CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO
XX CC polypeptides such as PRO6004, PRO4981, PRO1714, PRO5778, PRO4332, etc.,
XX CC are useful for detecting the presence of tumour in a mammal which

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CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-95;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60  
 DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGYMYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGYMYVLVSS 144

RESULT 71

ADDS1030  
 ID ADD51030 standard; protein; 144 AA.

XX AC ADD51030;

XX DT 15-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO181.

XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene therapy.

XX OS Homo sapiens.

XX PN US2003105290-A1.

PD 05-JUN-2003.

XX PF 13-AUG-2002; 2002US-00219527.

PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX FA (GETH ) GENENTECH INC.

XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski RJ;

XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;

XX DR WPI; 2003-829360/77.

XX DR N-FSDB; ADD51029.

XX PT New isolated nucleic acid encoding a secreted and transmembrane  
 CC polypeptide (PRO), for use in recombinantly producing a PRO polypeptide,  
 CC as a hybridization probe, and in gene therapy.  
 XX Claim 11; Fig 120; 309pp; English.

CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60

DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120

DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGYMYVLVSS 144

DB 121 CKLAFYLLAFFYLYGYMYVLVSS 144

RESULT 72

ADDS7044

ID ADD37044 standard; protein; 144 AA.

XX AC ADD37044;

XX DT 15-JAN-2004 (first entry)

XX DE Human secreted/transmembrane PRO polypeptide #1.

XX KW human; secreted protein; transmembrane protein; cardiovascular disorder;

KW endothelial disorder; angiogenic disorder; myocardial infarction;  
KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
KW endothelial cell tube formation.

XX Homo sapiens.

XX US2003105012-A1.

XX 05-JUN-2003.

XX 16-AUG-2002; 2002US-00223088.

XX 15-SEP-2000; 2000US-0232887P.

XX 20-JUN-2001; 2001WO-US019692.

XX 09-JUL-2001; 2001WO-US021735.

XX 20-FEB-2002; 2002US-00081056.

XX (GETH ) GENENTECH INC.

XX Baker KP, Ferrara N, Gerber H, Gerecht ME, Goddard A;  
XX Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;  
XX Watanabe CK, Williams PM, Wood WI, Ye W;

XX WPI; 2003-829354/77.

XX N-PSDB; ADD37043.

XX New isolated nucleic acids encoding a secreted and transmembrane  
XX polypeptide for treating a cardiovascular, endothelial, or angiogenic  
XX disorder in a mammal, such as cancer or age-related macular degeneration.

XX Claim 11; SEQ ID NO 2; 492pp; English.

XX The invention relates to an isolated nucleic acid encoding a secreted and  
XX transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded  
XX by the nucleic acid, or an agonist or antagonist, is used to treat a  
XX cardiovascular, endothelial, or angiogenic disorder in a mammal,  
XX preferably a human. The human may have suffered a myocardial infarction  
XX or has cardiac hypertrophy, trauma, a cancer, or age-related macular  
XX degeneration. The cardiac hypertrophy is characterized by the presence of  
XX an elevated level of pG-2 alpha. A PRO polypeptide, given in the  
XX specification, or an agonist is used to inhibit or stimulate endothelial  
XX cell growth in a mammal. PRO21 or an agonist is used to induce cardiac  
XX hypertrophy. PRO137 or PRO1449 is used to stimulate angiogenesis.  
XX PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO  
XX polypeptide, given in the specification, or an agonist is used to  
XX stimulate or inhibit smooth muscle cell growth, or to induce endothelial  
XX cell tube formation. The present sequence represents the amino acid  
XX sequence of a PRO polypeptide of the invention.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAALFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

DB 1 MAFTFAACVYMLALLTAALFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAEWLTGLNPLLAYHWRYSRPMVSGPLGYDPTTMMADILAYCQKEGW 120

DB 61 FFCVMFLCAEWLTGLNPLLAYHWRYSRPMVSGPLGYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYYLYGMIVLVSS 144

DB 121 CKLAFYLLAFFYYLYGMIVLVSS 144

RESULT 73

ADD50511

ID ADD50511 standard; protein; 144 AA.

XX

AC

XX ADD50511;

DT 15-JAN-2004 (first entry)

XX Human PRO polypeptide #60.

KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
KW cancer; lung; colon; breast; rectum; liver;  
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
KW arthritis; sports injury; cytostatic; antiarthritic.

OS Homo sapiens.

XX US2003096971-A1.

XX 22-MAY-2003.

XX 29-AUG-2002; 2002US-00232229.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2003-765528/72.

XX N-PSDB; ADD50510.

XX Novel isolated PRO polypeptide useful for tissue typing, as molecular  
XX weight markers in protein electrophoresis, for treating arthritis, tumor.  
XX Claim 11; Fig 120; 308pp; English.

XX The invention relates to human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
XX diagnostics, biosensors or bioreactors. They are particularly useful for  
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for  
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
XX blood, for stimulating the proliferation or differentiation of  
XX chondrocyte cells, for stimulating the proliferation of or gene  
XX expression in pericyte cells or for stimulating the proliferation of  
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
XX technology, in generating transgenic animals or knock-out animals which  
XX may be used in the development and screening of therapeutically useful  
XX reagents, in gene therapy, in chromosome identification, as chromosome  
XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
XX antibodies, are useful for preparing a medicament for treating a  
XX condition which is responsive to the PRO polypeptides or anti-PRO  
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-  
XX differentiation of chondrocytes. The PRO polypeptides are useful as  
XX molecular markers for protein electrophoresis, and in tissue typing. This  
XX sequence represents a human PRO polypeptide of the invention.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAALFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

DB 1 MAFTFAACVYMLALLTAALFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAEWLTGLNPLLAYHWRYSRPMVSGPLGYDPTTMMADILAYCQKEGW 120



cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO533, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9835 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells. PRO181, PRO229, PRO789, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDQCNLTNPLVPEYLHA 60  
 Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDQCNLTNPLVPEYLHA 60  
 QY 61 FFCVNFPCAWEWITGLNPLLAYHWRVMSRPVMSGPLYDPTIMNADILAYCQKEGW 120  
 Db 61 FFCVNFPCAWEWITGLNPLLAYHWRVMSRPVMSGPLYDPTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 76  
 ADE49356  
 ID ADE49356 standard; protein; 144 AA.

XX AC ADE49356;

XX DT 29-JAN-2004 (first entry)

XX DE Human secreted/transmembrane protein, PRO181.

XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnarary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.

XX OS Homo sapiens.

XX FN US2003096744-A1.

XX XX 22-MAY-2003.

XX XX 28-JAN-2002; 2002US-00978187.

XX 17-OCT-1997;  
 PR 97US-0062250P.  
 PR 03-NOV-1997;  
 PR 97US-0064249P.  
 PR 13-NOV-1997;  
 PR 97US-0065311P.  
 PR 21-NOV-1997;  
 PR 97US-0066364P.  
 PR 10-MAR-1998;  
 PR 98US-0077450P.  
 PR 11-MAR-1998;  
 PR 98US-0077632P.  
 PR 11-MAR-1998;  
 PR 98US-0077641P.  
 PR 11-MAR-1998;  
 PR 98US-0077649P.  
 PR 12-MAR-1998;  
 PR 98US-0077791P.  
 PR 13-MAR-1998;  
 PR 98US-0078004P.  
 PR 17-MAR-1998;  
 PR 98US-0080402P.  
 PR 20-MAR-1998;  
 PR 98US-0078886P.  
 PR 20-MAR-1998;  
 PR 98US-0078910P.  
 PR 20-MAR-1998;  
 PR 98US-0078936P.  
 PR 25-MAR-1998;  
 PR 98US-0079294P.  
 PR 26-MAR-1998;  
 PR 98US-0079656P.  
 PR 27-MAR-1998;  
 PR 98US-0079663P.  
 PR 27-MAR-1998;  
 PR 98US-0079664P.  
 PR 27-MAR-1998;  
 PR 98US-0079689P.  
 PR 27-MAR-1998;  
 PR 98US-0079728P.  
 PR 27-MAR-1998;  
 PR 98US-0079786P.  
 PR 30-MAR-1998;  
 PR 98US-0079920P.  
 PR 30-MAR-1998;  
 PR 98US-0079923P.  
 PR 31-MAR-1998;  
 PR 98US-0080105P.  
 PR 31-MAR-1998;  
 PR 98US-0080165P.  
 PR 31-MAR-1998;  
 PR 98US-0080194P.  
 PR 01-APR-1998;  
 PR 98US-0080327P.  
 PR 01-APR-1998;  
 PR 98US-0080328P.  
 PR 01-APR-1998;  
 PR 98US-0080333P.  
 PR 01-APR-1998;  
 PR 98US-0080334P.  
 PR 08-APR-1998;  
 PR 98US-0081049P.  
 PR 08-APR-1998;  
 PR 98US-0081070P.  
 PR 08-APR-1998;  
 PR 98US-0081071P.  
 PR 09-APR-1998;  
 PR 98US-0081195P.  
 PR 09-APR-1998;  
 PR 98US-0081203P.  
 PR 09-APR-1998;  
 PR 98US-0081223P.  
 PR 15-APR-1998;  
 PR 98US-0081817P.  
 PR 15-APR-1998;  
 PR 98US-0081819P.  
 PR 15-APR-1998;  
 PR 98US-0081838P.  
 PR 15-APR-1998;  
 PR 98US-0081952P.  
 PR 15-APR-1998;  
 PR 98US-0081955P.  
 PR 21-APR-1998;  
 PR 98US-0082568P.  
 PR 21-APR-1998;  
 PR 98US-0082569P.  
 PR 22-APR-1998;  
 PR 98US-0082700P.  
 PR 22-APR-1998;  
 PR 98US-0082704P.  
 PR 22-APR-1998;  
 PR 98US-0082797P.  
 PR 22-APR-1998;  
 PR 98US-0082804P.  
 PR 23-APR-1998;  
 PR 98US-0082796P.  
 PR 27-APR-1998;  
 PR 98US-0083336P.  
 PR 28-APR-1998;  
 PR 98US-0083322P.  
 PR 29-APR-1998;  
 PR 98US-0083392P.  
 PR 29-APR-1998;  
 PR 98US-0083495P.  
 PR 29-APR-1998;  
 PR 98US-0083496P.  
 PR 29-APR-1998;  
 PR 98US-0083499P.  
 PR 29-APR-1998;  
 PR 98US-0083500P.  
 PR 29-APR-1998;  
 PR 98US-0083545P.  
 PR 29-APR-1998;  
 PR 98US-0083554P.  
 PR 29-APR-1998;  
 PR 98US-0083558P.  
 PR 30-APR-1998;  
 PR 98US-0083559P.  
 PR 30-APR-1998;  
 PR 98US-0083742P.  
 PR 05-MAY-1998;  
 PR 98US-0084366P.  
 PR 06-MAY-1998;  
 PR 98US-0084414P.  
 PR 06-MAY-1998;  
 PR 98US-0084441P.  
 PR 07-MAY-1998;  
 PR 98US-0084598P.  
 PR 07-MAY-1998;  
 PR 98US-0084600P.  
 PR 07-MAY-1998;  
 PR 98US-0084627P.  
 PR 07-MAY-1998;  
 PR 98US-0084637P.  
 PR 07-MAY-1998;  
 PR 98US-0084639P.  
 PR 07-MAY-1998;  
 PR 98US-0084640P.  
 PR 07-MAY-1998;  
 PR 98US-0084643P.  
 PR 13-MAY-1998;  
 PR 98US-0085323P.





PF 18-OCT-2001; 2001US-00145088.  
 XX  
 PR 15-MAY-1998; 98US-0085689P.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 28-APR-1999; 99US-0131445P.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2003-875641/81.  
 DR N-PSDB; ADE35409.  
 XX  
 PT New genes, and its encoded secreted and transmembrane polypeptides,  
 PT useful for treating e.g. lung or breast tumors, osteoarthritis,  
 PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
 PT hypoinsulinemia or wounds.  
 XX  
 PS Claim 12; SEQ ID NO 322; 462pp; English.  
 XX  
 CC The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide), a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid), a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for detecting a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 1 MAFTFAACFMALLLTAALIFFAIWHIIAFDELKTDYKNPDKQNTLNPLVLPYLIHA 60  
 1 MAFTFAACFMALLLTAALIFFAIWHIIAFDELKTDYKNPDKQNTLNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPILAYHWYMSRPVMSGPLYDYPTTINADILAYCQKEGW 120  
 Db |||||  
 QY 61 FFCVMFLCAAEWLTGLNMPILAYHWYMSRPVMSGPLYDYPTTINADILAYCQKEGW 120  
 Db |||||  
 QY 121 CKLAFYLLAFYLYGMIYLVSS 144  
 Db |||||  
 QY 121 CKLAFYLLAFYLYGMIYLVSS 144  
 Db |||||

RESULT 78  
 ADE16524  
 ID ADE16524 standard; protein; 144 AA.  
 XX  
 AC ADE16524;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Human secreted/transmembrane protein, PRO181.  
 XX  
 KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003203435-A1.  
 XX  
 PD 30-OCT-2003.  
 XX  
 PF 18-OCT-2001; 2001US-00145092.  
 XX  
 PR 30-APR-1998; 98US-0083742P.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2003-875642/81.  
 DR N-PSDB; ADE16523.  
 XX  
 PT New genes, and its encoded secreted and transmembrane polypeptides,  
 PT useful for treating e.g. lung or breast tumors, osteoarthritis,  
 PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
 PT hypoinsulinemia or wounds.  
 XX  
 PS Claim 12; SEQ ID NO 322; 452pp; English.  
 XX  
 CC The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide), a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid), a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 CC polypeptide, and PRO1559 polypeptide is useful for detecting  
 CC PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting

CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.  
 CC  
 CC Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. NO. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 DB 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

QY 61 FFCVFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCOKEGW 120  
 DB 61 FFCVFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCOKEGW 120

QY 121 CKLAFYLLAFYYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 79  
 ADD73139  
 ID ADD73139 standard; protein; 144 AA.

AC ADD73139;

DT 29-JAN-2004 (first entry)

DE Human secreted/transmembrane protein, PRO181.

XX Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.

XX Homo sapiens.

XX US2003203436-A1.

XX 30-OCT-2003.

XX 18-OCT-2001; 2001US-00145123.

XX 22-MAY-1998; 98US-0086414P.

XX 22-DEC-1998; 98US-0113296P.

XX 05-JAN-1999; 99WO-US0000106.

XX 08-MAR-1999; 99WO-US005028.

XX 12-APR-1999; 99US-00284291.

XX 25-AUG-1999; 99US-00380138.

XX 18-FEB-2000; 2000WO-US004341.

PR 30-JUL-2001; 2001US-00918585.  
 XX (GETH ) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski RJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Klijavin IJ, Kuo SS, Rapier MA, Pan J, Faoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2003-875643/81.

DR N-PSDB; ADD73138.

XX New PRO genes and encoded secreted and transmembrane polypeptides, useful  
 PT for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid  
 PT arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or  
 PT wounds.

PS Claim 12; SEQ ID NO 322; 453pp; English.

CC The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide, a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. NO. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 DB 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

QY 61 FFCVFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCOKEGW 120  
 DB 61 FFCVFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCOKEGW 120

QY 121 CKLAFYLLAFYYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. NO. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 DB 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

QY 61 FFCVFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCOKEGW 120  
 DB 61 FFCVFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCOKEGW 120

QY 121 CKLAFYLLAFYYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
RESULT 80  
ADD72497  
ID ADD72497 standard; protein; 144 AA.  
XX AC ADD72497;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human secreted/transmembrane protein, PRO181.  
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX OS Homo sapiens.  
XX PN US2003194781-A1.  
XX PD 16-OCT-2003.  
XX PF 19-OCT-2001; 2001US-00164929.  
XX PR 30-MAR-1998; 98US-0079920P.  
PR 07-OCT-1998; 98WO-US021141.  
PR 20-NOV-1998; 98WO-US024855.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005028.  
PR 15-APR-1999; 99WO-US008313.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 25-AUG-1999; 99US-00380138.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 16-DEC-1999; 99WO-US028565.  
PR 30-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 05-JAN-2000; 99WO-US031274.  
PR 06-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 18-FEB-2000; 2000WO-US003565.  
PR 24-FEB-2000; 2000WO-US004341.  
PR 02-MAR-2000; 2000WO-US005004.  
PR 10-MAR-2000; 2000WO-US005841.  
PR 21-MAR-2000; 2000WO-US006319.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX (GETH ) GENENTECH INC.  
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI

PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI KJavlin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-852598/79.  
DR N-PSDB; ADD72496.  
XX  
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
PT for stimulating the release of tumor necrosis factor alpha from human  
PT blood and stimulating the proliferation of differentiation of chondrocyte  
PT cells.  
XX  
PS Claim 12; SEQ ID NO 322; 462pp; English.  
XX  
CC The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
CC causes death of the cell. PRO337 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
CC useful for linking a bioactive molecule to a cell expressing PRO725,  
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
CC polypeptide is useful for modulating at least one biological activity of  
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
CC modulating the biological activity of the cell expressing PRO1559  
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
CC PRO739 polypeptide is useful for modulating the biological activity of  
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
CC sports-related joint problems, articular cartilage defects,  
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
CC mammals. The present sequence represents a PRO protein.  
XX  
SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAACYMLALLLTAAALFFAIWHIIAFDELTKYKNPIDQNTLNPLVPEYLHA 60  
Db 1 MAFTFAACYMLALLLTAAALFFAIWHIIAFDELTKYKNPIDQNTLNPLVPEYLHA 60  
QY 61 FFCVNFCAAEWLTLGLNMLPLLAHYHWRVMSRPMVSGPLGDPPTIMKADILAYCQKRGW 120  
Db 61 FFCVNFCAAEWLTLGLNMLPLLAHYHWRVMSRPMVSGPLGDPPTIMKADILAYCQKRGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 81  
ADE17148

ADL17148 standard; protein; 144 AA.  
 ADE17148;  
 29-JAN-2004 (first entry)  
 Human secreted/transmembrane protein, PRO181.  
 Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
 auditory; tumour growth; retinal disorder; sports-related joint problem;  
 articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 wound healing; hearing loss.  
 Homo sapiens.  
 US2003203433-A1.  
 30-OCT-2003.  
 18-OCT-2001; 2001US-00145016.  
 06-MAY-1998; 98US-0084414P.  
 22-DEC-1998; 98US-0113296P.  
 05-JAN-1999; 99WO-US000106.  
 08-MAR-1999; 99WO-US0005028.  
 12-APR-1999; 99US-00284291.  
 25-AUG-1999; 99US-00380138.  
 18-FEB-2000; 2000WO-US004341.  
 30-JUL-2001; 2001US-00918585.  
 (GETH ) GENENTECH INC.  
 Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 Stewart TA, Williams PM, Wood WI;  
 WPI; 2003-875640/81.  
 N-PSDB; ADE17147.  
 New genes, and its encoded secreted and transmembrane polypeptides,  
 useful for treating e.g. lung or breast tumors, osteoarthritis,  
 rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
 hypoinsulinemia or wounds.  
 Claim 12; SEQ ID NO 322; 459pp; English.  
 The invention relates to an isolated PRO polypeptide (secreted or  
 transmembrane protein) having at least 80% amino acid sequence identity  
 to an amino acid sequence chosen from 94 fully defined sequences as given  
 in the specification (including PRO lacking its associated signal  
 peptide, a PRO extracellular domain with or without its associated signal  
 peptide). Also included are nucleic acids encoding the PRO proteins  
 mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 comprising the vector and producing PRO, a chimaeric molecule comprising  
 PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 PRO725, PRO700 or PRO739 polypeptide. The bioactive molecule  
 bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 causes death of the cell. PRO337 polypeptide is useful for linking a  
 bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 useful for linking a bioactive molecule to a cell expressing PRO725,  
 PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 polypeptide is useful for modulating at least one biological activity of

CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 modulating the biological activity of the cell expressing PRO1559  
 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 PRO739 polypeptide is useful for modulating the biological activity of  
 the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 sports-related joint problems, articular cartilage defects,  
 osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 mammals. The present sequence represents a PRO protein.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYKXNPIDQNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYKXNPIDQNTLNPLVPEYLIHA 60  
 QY 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMWGPGLYDPTIMNADILAYCOKEGW 120  
 DB 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMWGPGLYDPTIMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 RESULT 82  
 ADC48823  
 ID ADC48823 standard; protein; 144 AA.  
 XX  
 AC ADC48823;  
 XX  
 DT 15-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 antiarthritic; pericyte cell proliferation; chondrocyte cell proliferation;  
 pericyte cell differentiation; tumour necrosis factor alpha release;  
 chondrocyte cell differentiation; dermal fibroblast cell proliferation;  
 (TNF)-alpha release; dermal fibroblast cell differentiation;  
 dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 colon tumour; breast tumour; prostate tumour; rectal tumour;  
 liver tumour; tissue typing; chromosome mapping; gene mapping;  
 gene therapy.  
 KW  
 KW Homo sapiens.  
 XX  
 OS  
 XX US2003092888-A1.  
 PN  
 XX  
 PD 15-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219468.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 PA  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-031186/03.  
 DR N-PSDB; ADC48822.  
 XX  
 PT Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as

PT molecular weight markers in protein electrophoresis, for treating  
 PT arthritis, tumor.  
 PS Claim 11; SEQ ID NO 120; 308pp; English.  
 XX  
 CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1279, PRO1274, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCVMLALLTLTAALIFPAIWHIIAFDELKTDYKNPDDQCNLTNPLVLYLIHA 60  
 Db 1 MAFTFAFCVMLALLTLTAALIFPAIWHIIAFDELKTDYKNPDDQCNLTNPLVLYLIHA 60  
 QY 61 FFCWFLCAEWMLTGLNPLLAYHWRVMSRPMVSPGGLYDPTTMMNADILAYCKQEW 120  
 Db 61 FFCWFLCAEWMLTGLNPLLAYHWRVMSRPMVSPGGLYDPTTMMNADILAYCKQEW 120  
 QY 121 CKLAFVLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFVLLAFFYLYGMIVLVSS 144  
 RESULT 83  
 ADE20994  
 ID ADE20994 standard; protein; 144 AA.  
 XX  
 AC ADE20994;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;

KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX Homo sapiens.  
 OS  
 XX US2003100735-A1.  
 PN  
 XX 29-MAY-2003.  
 PD  
 XX 28-AUG-2002; 2002US-00230433.  
 XX  
 PF 01-JUN-2001; 2001WO-US017800.  
 XX  
 PR 29-JUN-2001; 2001WO-US021066.  
 XX  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 PA  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 PT WPI: 2004-008985/01.  
 PT N-PSDB; ADE20993.  
 DR  
 DR  
 DR  
 DR  
 XX  
 XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 PT in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 XX Claim 11; Fig 120; 308pp; English.  
 PS  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO311, PRO357, PRO725, PRO155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1279, PRO1274, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 100.0%; Pred. No. 2.2e-85;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
 Db 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPPLAYHIWRYMSRPVMSGPLYDPTTMADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPPLAYHIWRYMSRPVMSGPLYDPTTMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 84  
 ADE05838  
 ID ADE05838 standard; protein; 144 AA.  
 XX AC ADE05838;  
 DT 29-JAN-2004 (first entry)  
 DE Human PRO polypeptide #60.  
 XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX OS Homo sapiens.  
 XX US2003100728-A1.  
 XX PD 29-MAY-2003.  
 XX PF 28-AUG-2002; 2002US-00230024.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 XX PR 29-JUN-2001; 2001WO-US021066.  
 XX PR 09-APR-2002; 2002US-00119480.  
 XX PA (GETH ) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WT;  
 XX DR N-PSDB; ADE05837.  
 XX PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 XX cancer.  
 XX PS Claim 11; Fig 120; 308pp; English.

The invention relates to human PRO polypeptides (secreted and transmembrane polypeptides) and the PRO polynucleotides encoding them. The PRO polypeptides and polynucleotides are useful as pharmaceuticals, diagnostics, biosensors or bioreactors. They are particularly useful for detecting tumours (e.g. lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour) in a mammal, for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells or for stimulating the proliferation of normal human dermal fibroblasts. The PRO nucleic acids are useful as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA, in preparing PRO polypeptides by recombinant technology, in generating transgenic animals or knock-out animals which may be used in the development and screening of therapeutically useful

CC reagents, in gene therapy, in chromosome identification, as chromosome markers and in generating probes. The PRO polypeptides, or anti-PRO antibodies, are useful for preparing a medicament for treating a condition which is responsive to the PRO polypeptides or anti-PRO antibodies, such as pericyte-associated tumours and bone and/or cartilage disorders (e.g. arthritis, sports injuries), involving inducing the re-differentiation of chondrocytes. The PRO polypeptides are useful as molecular markers for protein electrophoresis, and in tissue typing. This sequence represents a human PRO polypeptide of the invention.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
 Db 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPPLAYHIWRYMSRPVMSGPLYDPTTMADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPPLAYHIWRYMSRPVMSGPLYDPTTMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 85  
 ADD75067  
 ID ADD75067 standard; protein; 144 AA.  
 XX AC ADD75067;  
 XX DT 29-JAN-2004 (first entry)  
 XX DE Human PRO polypeptide #60.  
 XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX OS Homo sapiens.  
 XX US2003100712-A1.  
 XX PD 29-MAY-2003.  
 XX PF 09-AUG-2002; 2002US-00216168.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 XX PR 29-JUN-2001; 2001WO-US021066.  
 XX PR 09-APR-2002; 2002US-00119480.  
 XX PA (GETH ) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WT;  
 XX DR N-PSDB; ADD75066.  
 XX PT New secreted and transmembrane PRO polypeptide useful for preparing a  
 PT medicament for treating a condition that is responsive to the PRO  
 PT polypeptide or anti-PRO antibody, e.g. cancer.  
 XX PS Claim 11; Fig 120; 308pp; English.

The invention relates to human PRO polypeptides (secreted and transmembrane polypeptides) and the PRO polynucleotides encoding them.

CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
CC diagnostics, biosensors or bioreactors. They are particularly useful for  
CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
CC blood, for stimulating the proliferation or differentiation of  
CC chondrocyte cells, for stimulating the proliferation of or gene  
CC expression in pericyte cells or for stimulating the proliferation of  
CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
CC technology, in generating transgenic animals or knock-out animals which  
CC may be used in the development and screening of therapeutically useful  
CC reagents, in gene therapy, in chromosome identification, as chromosome  
CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
CC antibodies, are useful for preparing a medicament for treating a  
CC condition which is responsive to the PRO polypeptides or anti-PRO  
CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
CC differentiation of chondrocytes. The PRO polypeptides are useful as  
CC molecular markers for protein electrophoresis, and in tissue typing. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent can also be obtained in electronic format  
CC directly from USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKPNIDQCNTLNPLVPEYLIIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKPNIDQCNTLNPLVPEYLIIHA 60  
QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
DB 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 86

ADD75813

ID ADD75813 standard; protein; 144 AA.

AC ADD75813;

XX

XX 29-JAN-2004 (first entry)

XX

DE Novel human secreted and transmembrane protein PRO181.

XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
XX antiarthritis; pericyte cell proliferation;  
XX pericyte cell differentiation; chondrocyte cell proliferation;  
XX chondrocyte cell differentiation; tumour necrosis factor alpha release;  
XX (TNF)-alpha release; dermal fibroblast cell proliferation;  
XX dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
XX colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX liver tumour; tissue typing; chromosome mapping; gene mapping;  
XX gene therapy.

XX Homo sapiens.

OS

XX US2003100717-A1.

PN

XX 29-MAY-2003.

PD

XX 13-AUG-2002; 2002US-00219465.

XX

XX 01-JUN-2001; 2001WO-US017800.

PR

PR 29-JUN-2001; 2001WO-US021066.  
PR 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;

PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2004-008967/01.

DR N-PSDB; ADD75812.

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ADD85045  
 ID ADD85045 standard; protein; 144 AA.  
 AC ADD85045;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003100722-A1.  
 XX  
 XX 29-MAY-2003.  
 XX  
 XX 13-AUG-2002; 2002US-00219476.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX  
 XX 29-JUN-2001; 2001WO-US021066.  
 XX  
 XX 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-008972/01.  
 XX  
 XX N-PSDB; ADD85044.  
 XX  
 XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 XX medicament for treating a condition that is responsive to the PRO  
 XX polypeptide or anti-PRO antibody, e.g. cancer.  
 XX  
 XX Claim 11; SEQ ID NO 120; 308pp; English.  
 XX  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 XX polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 XX useful for stimulating the proliferation of or gene expression in  
 XX pericyte cells. PRO357, PRO229, PRO1272 or PRO405 polypeptide are useful  
 XX for stimulating the proliferation or differentiation of chondrocyte  
 XX cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 XX are useful for stimulating the release of tumour necrosis factor (TNF)-  
 XX alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 XX PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 XX PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 XX PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 XX PRO1286, PRO1330, PRO1347, PRO1305, PRO1279, PRO1340, PRO1338,  
 XX PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 XX PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 XX PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 XX stimulating the proliferation of normal human dermal fibroblasts cells.  
 XX PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 XX PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 XX inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 XX polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 XX are useful for detecting the presence of tumour in a mammal which  
 XX involves comparing the level of expression of the above PRO polypeptides  
 XX in a test sample of cells taken from the mammal, and a control sample of  
 XX normal cells of the same cell type, where a higher level of expression of  
 XX the PRO polypeptides in the test sample as compared to the control sample  
 XX is indicative of the presence of tumour in the mammal. The tumour is lung  
 XX tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 XX liver tumour. (I) is useful as molecular weight markers, for tissue

CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 XX Sequence 144 AA;  
 SQ  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Fred. NO. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLNLPLVPEVLIHA 60  
 Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLNLPLVPEVLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYXGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYXGMIVLVSS 144  
 RESULT 88  
 ADD86871  
 ID ADD86871 standard; protein; 144 AA.  
 XX  
 AC ADD86871;  
 XX  
 XX 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003100738-A1.  
 XX  
 XX 29-MAY-2003.  
 XX  
 XX 29-AUG-2002; 2002US-00232222.  
 XX  
 XX 15-SEP-2000; 2000US-0232887P.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX  
 XX 29-JUN-2001; 2001WO-US021066.  
 XX  
 XX 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-008988/01.  
 XX  
 XX N-PSDB; ADD86870.  
 XX  
 XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 XX in gene therapy, chromosome identification, tissue typing, or as  
 XX hybridization probes in chromosome and gene mapping.  
 XX  
 XX Claim 11; SEQ ID NO 120; 308pp; English.



XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIIHA 60  
 DB 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 89

ADE20748

ID ADE20748 standard; protein; 144 AA.

XX AC ADE20748;

XX DT 29-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO181.

XX DE Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;

XX DE antiarthritic; pericyte cell proliferation;

XX DE pericyte cell differentiation; chondrocyte cell proliferation;

XX DE chondrocyte cell differentiation; tumour necrosis factor alpha release;

XX DE (TNF)-alpha release; dermal fibroblast cell proliferation;

XX DE dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;

XX DE colon tumour; breast tumour; prostate tumour; rectal tumour;

KW

XX liver tumour; tissue typing; chromosome mapping; gene mapping;

XX gene therapy.

OS Homo sapiens.

PN US2003100734-A1.

XX 29-MAY-2003.

XX 28-AUG-2002; 2002US-00230427.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritson ME, Goddard A, Godowski PJ;

XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;

XX WPI; 2004-008984/01.

XX N-PSDB; ADE20747.

XX New PRO polypeptide and nucleic acid encoding the polypeptide, useful in

XX gene therapy, chromosome identification, tissue typing, or as

XX hybridization probes in chromosome and gene mapping.

XX Claim 11; Fig 120; 308pp; English.

XX The invention describes an isolated PRO (secreted and transmembrane)

XX polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are

XX useful for stimulating the proliferation of or gene expression in

XX pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful

XX for stimulating the proliferation or differentiation of chondrocyte

XX cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide

XX are useful for stimulating the release of tumour necrosis factor (TNF)-

XX alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,

XX PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,

XX PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,

XX PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,

XX PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,

XX PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,

XX PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,

XX PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for

XX stimulating the proliferation of normal human dermal fibroblasts cells.

XX PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,

XX PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for

XX inhibiting the proliferation of normal human dermal fibroblast cells. PRO

XX polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,

XX are useful for detecting the presence of tumour in a mammal which

XX involves comparing the level of expression of the above PRO polypeptides

XX in a test sample of cells taken from the mammal, and a control sample of

XX normal cells of the same cell type, where a higher level of expression of

XX the PRO polypeptides in the test sample as compared to the control sample

XX is indicative of the presence of tumour in the mammal. The tumour is lung

XX tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or

XX liver tumour. (I) is useful as molecular weight markers, for tissue

XX typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is

XX useful for chromosome and gene mapping or gene therapy. (II) is useful

XX for generating transgenic animals or knock-out animals which are useful

XX screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide

XX is useful for treating bone and/or cartilage disorders (e.g., arthritis,

XX sport injuries). This is the amino acid sequence of a human secreted and

XX transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match

Best Local Similarity 100.0%; Score 784; DB 8; Length 144;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIIHA 60

DB 1 MAFTFAAFYCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPVYLIIHA 60  
 QY 61 FFCVNFCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 90  
 ADE39045  
 ID ADE39045 standard; protein; 144 AA.  
 AC ADE39045;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 DE Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003096362-A1.  
 XX  
 PD 22-MAY-2003.  
 XX  
 PF 29-AUG-2002; 2002US-00233205.  
 XX  
 PR 25-JUL-2000; 2000US-0220585P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021086.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI; 2004-008944/01.  
 DR N-PSDB; ADE39044.  
 XX  
 PT New isolated, secreted and transmembrane PRO polypeptide for diagnosing,  
 PT preventing and/or treating tumors, such as lung, colon, breast, prostate,  
 PT rectal, and/or liver tumors.  
 XX  
 PS Claim 11; Fig 120; 308pp; English.  
 XX

The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of or gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1028, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for

CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFYCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPVYLIIHA 60  
 DB 1 MAFTFAAFYCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPVYLIIHA 60  
 QY 61 FFCVNFCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 91  
 ADE05592  
 ID ADE05592 standard; protein; 144 AA.  
 AC ADE05592;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Human PRO polypeptide #60.  
 XX  
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer, lung, colon, breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003100727-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 28-AUG-2002; 2002US-00229974.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WI;  
 XX

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DR WPI; 2004-008977/01.
DR N-PSDB; ADE05591.
XX
PT New secreted and transmembrane PRO polypeptide useful for preparing a
PT medicament for treating a condition that is responsive to the PRO
PT polypeptide or anti-PRO antibody, e.g. cancer.
XX
PS Claim 11; Fig 120; 308pp; English.
XX
CC The invention relates to human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the PRO polynucleotides encoding them.
CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
CC diagnostics, biosensors or bioreactors. They are particularly useful for
CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
CC prostate tumour, rectal tumour or liver tumour) in a mammal, for
CC stimulating the release of tumour necrosis factor (TNF)-alpha from human
CC blood, for stimulating the proliferation or differentiation of
CC chondrocyte cells, for stimulating the proliferation of or gene
CC expression in pericyte cells or for stimulating the proliferation of
CC normal human dermal fibroblasts. The PRO nucleic acids are useful as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant
CC technology, in generating transgenic animals or knock-out animals which
CC may be used in the development and screening of therapeutically useful
CC reagents, in gene therapy, in chromosome identification, as chromosome
CC markers and in generating probes. The PRO polypeptides, or anti-PRO
CC antibodies, are useful for preparing a medicament for treating a
CC condition which is responsive to the PRO polypeptides or anti-PRO
CC antibodies, such as pericyte-associated tumours and bone and/or cartilage
CC disorders (e.g. arthritis, sports injuries), involving inducing the re-
CC differentiation of chondrocytes. The PRO polypeptides are useful as
CC molecular markers for protein electrophoresis, and in tissue typing. This
CC sequence represents a human PRO polypeptide of the invention.
XX
SQ Sequence 144 AA;
Query Match 100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
DB 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144
RESULT 92
ADD73577
ID ADD73577 standard; protein; 144 AA.
XX
AC ADD73577;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #60.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;
KW cancer; lung; colon; breast; prostate; rectum; liver;
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
KW arthritis; sports injury; cytostatic; antiarthritis.
XX
OS Homo sapiens.
XX
FN US2003100711-A1.
XX

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PD 29-MAY-2003.
XX
PF 09-AUG-2002; 2002US-00216167.
XX
PR 05-JUN-2000; 2000US-0209832P.
XX
PR 15-SEP-2000; 2000US-0232887P.
PR 01-JUN-2001; 2001WO-US017800.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-APR-2002; 2002US-00119480.
XX
PA (GETH ) GENENTECH INC.
XX
PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX WPI; 2004-008961/01.
DR N-PSDB; ADD73576.
XX
PT New secreted and transmembrane PRO polypeptide useful for preparing a
PT medicament for treating a condition that is responsive to the PRO
PT polypeptide or anti-PRO antibody, e.g. cancer.
XX
PS Claim 11; Fig 120; 309pp; English.
XX
CC The invention relates to human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the PRO polynucleotides encoding them.
CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
CC diagnostics, biosensors or bioreactors. They are particularly useful for
CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
CC prostate tumour, rectal tumour or liver tumour) in a mammal, for
CC stimulating the release of tumour necrosis factor (TNF)-alpha from human
CC blood, for stimulating the proliferation or differentiation of
CC chondrocyte cells, for stimulating the proliferation of or gene
CC expression in pericyte cells or for stimulating the proliferation of
CC normal human dermal fibroblasts. The PRO nucleic acids are useful as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant
CC technology, in generating transgenic animals or knock-out animals which
CC may be used in the development and screening of therapeutically useful
CC reagents, in gene therapy, in chromosome identification, as chromosome
CC markers and in generating probes. The PRO polypeptides, or anti-PRO
CC antibodies, are useful for preparing a medicament for treating a
CC condition which is responsive to the PRO polypeptides or anti-PRO
CC antibodies, such as pericyte-associated tumours and bone and/or cartilage
CC disorders (e.g. arthritis, sports injuries), involving inducing the re-
CC differentiation of chondrocytes. The PRO polypeptides are useful as
CC molecular markers for protein electrophoresis, and in tissue typing. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format at
CC seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 144 AA;
Query Match 100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
DB 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144
RESULT 93
ADE48656
ID ADE48656 standard; protein; 144 AA.

```

XX AC ADE48656;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human secreted/transmembrane protein, PRO181.  
XX DE Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX OS Homo sapiens.  
XX PN US2003104536-A1.  
XX PD 05-JUN-2003.  
XX PF 19-OCT-2001; 2001US-00166709.  
XX PR 07-OCT-1998; 98WO-US021141.  
PR 20-NOV-1998; 98WO-US024855.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012232.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 05-JAN-2000; 99WO-US031274.  
PR 06-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015284.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX PA (GETH ) GENENTECH INC.  
XX PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrata N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI XlJavin IJ, Kuo SS, Rapier MA, Pan J, Faoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WIPI; 2004-008994/01.  
XX N-PSDB; ADE48655.  
XX PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or

PT PRO337, useful in molecular biology, chromosome and gene mapping, in  
XX generating antisense RNA and DNA, and in gene therapy.  
XX FS Claim 12; SEQ ID NO 322; 460pp; English.  
XX CC The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimaeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
CC causes death of the cell. PRO337 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
CC useful for linking a bioactive molecule to a cell expressing PRO725,  
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
CC polypeptide is useful for modulating at least one biological activity of  
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
CC modulating the biological activity of the cell expressing PRO1559  
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
CC PRO739 polypeptide is useful for modulating the biological activity of  
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
CC sports-related joint problems, articular cartilage defects,  
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
CC mammals. The present sequence represents a PRO protein.  
XX SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAFTFAAFCYMLALLTAALIFFAIIHIIAFDELKTDYKPNIDQCNINPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIIHIIAFDELKTDYKPNIDQCNINPLVPEYLIHA 60  
Qy 61 FFCVMFLCAAEBWLTGLNMPILAYHIWYMSRPVMSGFLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEBWLTGLNMPILAYHIWYMSRPVMSGFLYDPTTINADILAYCQKEGW 120  
Qy 121 CKLAFYLLAFYLYLGMIVLVSS 144  
Db 121 CKLAFYLLAFYLYLGMIVLVSS 144  
RESULT 94  
ADD78417  
ID ADD78417 standard; protein; 144 AA.  
XX AC ADD78417;  
XX DT 29-JAN-2004 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
KW antiarthritic; pericyte cell proliferation;

KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 XX gene therapy.  
 OS Homo sapiens.  
 XX  
 XX US2003100737-A1.  
 XX  
 XX 29-MAY-2003.  
 XX  
 XX 28-AUG-2002; 2002US-00230438.  
 XX  
 XX 15-SEP-2000; 2000US-0232887P.  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX 29-JUN-2001; 2001WO-US021066.  
 XX 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan CF, Watanabe CK, Wood WI;  
 XX WPI; 2004-008987/01.  
 XX N-PSDB; ADD78416.  
 DR  
 DR New PRO polypeptide and nucleic acid encoding the polypeptide, useful for  
 PT gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 XX Claim 11; SEQ ID NO 120; 309pp; English.  
 XX  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1186, PRO1192, PRO1244, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
 Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
 QY 61 FFCWPLCAAEWLTGLNMLLAYHWRVMSRPMVSGPGLYDPTTTMADILAYCQEGW 120  
 Db 61 FFCWPLCAAEWLTGLNMLLAYHWRVMSRPMVSGPGLYDPTTTMADILAYCQEGW 120  
 QY 121 CKLAFYLLAFFYLYGMYVLYSS 144  
 Db 121 CKLAFYLLAFFYLYGMYVLYSS 144  
 RESULT 95  
 ADE41252  
 ID ADE41252 standard; protein; 144 AA.  
 AC ADE41252;  
 XX  
 XX 29-JAN-2004 (first entry)  
 XX  
 XX Human secreted/transmembrane PRO polypeptide #1.  
 XX human; secreted protein; transmembrane protein; cardiovascular disorder;  
 KW endothelial disorder; angiogenic disorder; myocardial infarction;  
 KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
 KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
 KW endothelial cell tube formation.  
 XX  
 XX Homo sapiens.  
 XX  
 XX US2003100497-A1.  
 XX 29-MAY-2003.  
 XX 16-AUG-2002; 2002US-00223085.  
 XX 20-JUN-2001; 2001WO-US019692.  
 XX 09-JUL-2001; 2001WO-US021735.  
 XX 20-FEB-2002; 2002US-00081056.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
 PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;  
 PI Watanabe CK, Williams PM, Wood WI, Ye W;  
 XX WPI; 2004-008957/01.  
 XX N-PSDB; ADE41251.  
 XX  
 XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO205 or  
 XX PRO214, useful in molecular biology, chromosome and gene mapping, in  
 XX generating antisense RNA and DNA, and for treating disorders involving  
 XX angiogenesis.  
 XX  
 XX Claim 11; SEQ ID NO 2; 492pp; English.  
 XX  
 XX The invention relates to an isolated nucleic acid encoding a secreted and  
 XX transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded  
 XX by the nucleic acid, or an agonist or antagonist, is used to treat a  
 XX cardiovascular, endothelial, or angiogenic disorder in a mammal,  
 XX preferably a human. The human may have suffered a myocardial infarction  
 XX or has cardiac hypertrophy, trauma, a cancer, or age-related macular  
 XX degeneration. The cardiac hypertrophy is characterised by the presence of  
 XX an elevated level of PGF-2 alpha. A PRO polypeptide, given in the  
 XX specification, or an agonist is used to inhibit or stimulate endothelial  
 XX cell growth in a mammal. PRO21 or an agonist is used to induce cardiac  
 XX hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.  
 XX PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO

CC polypeptide, given in the specification, or an agonist is used to  
 CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial  
 CC cell tube formation. The present sequence represents the amino acid  
 CC sequence of a PRO polypeptide of the invention.

SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 3; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60  
 Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60  
 Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVWSGPLYDPTTINMADILAYCQEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVWSGPLYDPTTINMADILAYCQEGW 120  
 Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 96

AD2E21240  
 ID AD2E21240 standard; protein; 144 AA.

XX AC AD2E21240;

XX DT 29-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO181.

XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX KW Homo sapiens.

XX PN US2003100736-A1.

XX PD 29-MAY-2003.

XX PF 28-AUG-2002; 2002US-00230435.

XX PR 01-JUN-2001; 2001WO-US017800.

XX PR 29-JUN-2001; 2001WO-US021056.

XX PR 09-APR-2002; 2002US-00119480.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX DR WPI; 2004-008986/01.

XX DR N-PSDB; AD2E21239.

XX PT New PRO polypeptides and nucleic acids encoding the polypeptides, useful

PT in gene therapy, chromosome identification, tissue typing, or as

PT hybridization probes in chromosome and gene mapping.

XX PS Claim 11; Fig 120; 309pp; English.

XX CC The invention describes an isolated PRO (secreted and transmembrane)

CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are

CC useful for stimulating the proliferation of cr gene expression in

CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1131, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60  
 Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60  
 Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVWSGPLYDPTTINMADILAYCQEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVWSGPLYDPTTINMADILAYCQEGW 120  
 Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 97

ADD77355

ID ADD77355 standard; protein; 144 AA.

XX AC ADD77355;

XX DT 29-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO181.

XX KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX KW Homo sapiens.

OS

XX PN US2003100732-A1.  
XX PD 29-MAY-2003.  
XX PF 28-AUG-2002; 2002US-00230306.  
XX PR 01-JUN-2001; 2001WO-US017800.  
XX PR 29-JUN-2001; 2001WO-US021066.  
XX PR 09-APR-2002; 2002US-00119480.  
XX PA (GETH ) GENENTECH INC.  
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX DR WPI; 2004-008982/01.  
XX DR N-PSDB; ADD77354.  
XX PT New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
XX PT in gene therapy, chromosome identification, tissue typing, or as  
XX PT hybridization probes in chromosome and gene mapping.  
XX PS Claim 11; SEQ ID NO 120; 308pp; English.  
XX CC The invention describes an isolated PRO (secreted and transmembrane)  
XX CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
XX CC useful for stimulating the proliferation of or gene expression in  
XX CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
XX CC for stimulating the proliferation or differentiation of chondrocyte  
XX CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
XX CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
XX CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
XX CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
XX CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
XX CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
XX CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
XX CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
XX CC PRO1887, PRO1328, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
XX CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
XX CC stimulating the proliferation of normal human dermal fibroblasts cells.  
XX CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
XX CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
XX CC inhibiting the proliferation of normal human dermal fibroblasts cells.  
XX CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
XX CC are useful for detecting the presence of tumour in a mammal which  
XX CC involves comparing the level of expression of the above PRO polypeptides  
XX CC in a test sample of cells taken from the mammal, and a control sample of  
XX CC normal cells of the same cell type, where a higher level of expression of  
XX CC the PRO polypeptides in the test sample as compared to the control sample  
XX CC is indicative of the presence of tumour in the mammal. The tumour is lung  
XX CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
XX CC liver tumour. (I) is useful as molecular weight markers, for tissue  
XX CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
XX CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
XX CC for generating transgenic animals or knock-out animals which are useful  
XX CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
XX CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
XX CC sport injuries). This is the amino acid sequence of a human secreted and  
XX CC transmembrane PRO polypeptide.  
XX SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCVMLALLTLTAALFFAIWHITAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60  
DB 1 MAFTFAFCVMLALLTLTAALFFAIWHITAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPGLYDPTTMMNADILAYCQKEGW 120  
|||||

Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
|||  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
|||  
RESULT 98  
ADE20502  
ID ADE20502 standard; protein; 144 AA.  
XX AC ADE20502;  
XX DT 29-JAN-2004 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
XX KW antiarthritic; pericyte cell proliferation;  
XX KW pericyte cell differentiation; chondrocyte cell proliferation;  
XX KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
XX KW (TNF)-alpha release; dermal fibroblast cell proliferation; lung tumour;  
XX KW dermal fibroblast cell differentiation inhibitor; tumour; rectal tumour;  
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
XX KW gene therapy.  
XX XX Homo sapiens.  
OS US2003100733-A1.  
XX PN 29-MAY-2003.  
XX PD 29-MAY-2003.  
XX PF 28-AUG-2002; 2002US-00230426.  
XX PR 01-JUN-2001; 2001WO-US017800.  
XX PR 29-JUN-2001; 2001WO-US021066.  
XX PR 09-APR-2002; 2002US-00119480.  
XX PA (GETH ) GENENTECH INC.  
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX DR WPI; 2004-008983/01.  
XX DR N-PSDB; ADE20501.  
XX PT New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
XX PT in gene therapy, chromosome identification, tissue typing, or as  
XX PT hybridization probes in chromosome and gene mapping.  
XX PS Claim 11; Fig 120; 308pp; English.  
XX CC The invention describes an isolated PRO (secreted and transmembrane)  
XX CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
XX CC useful for stimulating the proliferation of or gene expression in  
XX CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
XX CC for stimulating the proliferation or differentiation of chondrocyte  
XX CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
XX CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
XX CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
XX CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
XX CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
XX CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
XX CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
XX CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
XX CC PRO1887, PRO1328, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
XX CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
XX CC stimulating the proliferation of normal human dermal fibroblasts cells.  
XX CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
XX CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
XX CC inhibiting the proliferation of normal human dermal fibroblasts cells.  
XX CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,



CC are useful for detecting the presence of tumour in a mammal which  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.

SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALIFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 99  
ADD75567  
ID ADD75567 standard; protein; 144 AA.  
XX ADD75567;  
AC  
XX 29-JAN-2004 (first entry)  
DT  
XX Human PRO polypeptide #60.  
DE  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
KW cancer; lung; colon; breast; prostate; rectum; liver;  
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
KW arthritis; sports injury; cytostatic; antiarthritic.  
XX  
OS Homo sapiens.  
XX  
XX US2003100064-A1.  
XX  
XX 29-MAY-2003.  
XX  
XX 12-AUG-2002; 2002US-00219060.  
XX  
XX 01-JUN-2001; 2001WO-US017800.  
XX 29-JUN-2001; 2001WO-US021066.  
XX 09-APR-2002; 2002US-00119480.  
XX  
XX (GSH ) GENENTECH INC.  
XX  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;  
PI  
XX WPI, 2004-008955/01.  
XX N-PSDB; ADD75566.  
XX  
XX New nucleic acid, for the manufacture of a medicament for diagnosing or  
PT treating tumor or for measuring or detecting expression of an associated

PT gene.  
XX Claim 11; Fig 120; 308pp; English.  
PS  
XX  
XX The invention relates to human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
CC diagnostics, biosensors or bioeffectors. They are particularly useful for  
CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
CC blood, for stimulating the proliferation or differentiation of  
CC chondrocyte cells, for stimulating the proliferation of or gene  
CC expression in pericyte cells or for stimulating the proliferation of  
CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
CC technology, in generating transgenic animals or knock-out animals which  
CC may be used in the development and screening of therapeutically useful  
CC reagents, in gene therapy, in chromosome identification, as chromosome  
CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
CC antibodies, are useful for preparing a medicament for treating a  
CC condition which is responsive to the PRO polypeptides or anti-PRO  
CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
CC differentiation of chondrocytes. The PRO polypeptides are useful as  
CC molecular markers for protein electrophoresis, and in tissue typing. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format at  
CC segdata.uspto.gov/sequence.html.

SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALIFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHITAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 100  
ADD74083  
ID ADD74083 standard; protein; 144 AA.  
XX ADD74083;  
AC  
XX 29-JAN-2004 (first entry)  
DT  
XX Human PRO polypeptide #60.  
DE  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
KW cancer; lung; colon; breast; prostate; rectum; liver;  
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
KW arthritis; sports injury; cytostatic; antiarthritic.  
XX  
OS Homo sapiens.  
XX  
XX US2003100708-A1.  
XX  
XX 29-MAY-2003.  
XX  
XX 09-AUG-2002; 2002US-00216160.  
XX



XX PR 01-AUG-2000; 2000US-0222425P.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 XX PR 29-JUN-2001; 2001WO-US021066.  
 XX PR 09-APR-2002; 2002US-00119480.  
 XX PA (GETH ) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ,  
 XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;  
 XX DR WPI; 2004-008958/01.  
 XX DR N-PSDB; ADD74082.  
 XX PT New secreted and transmembrane PRO polypeptide useful for preparing a  
 XX PT medicament for treating a condition that is responsive to the PRO  
 XX PT polypeptide or anti-PRO antibody, e.g. cancer.  
 XX PS Claim 11; Fig 120; 308pp; English.  
 XX CC The invention relates to human PRO polypeptides (secreted and  
 XX CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 XX CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 XX CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 XX CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 XX CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 XX CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 XX CC blood, for stimulating the proliferation or differentiation of  
 XX CC chondrocyte cells, for stimulating the proliferation of or gene  
 XX CC expression in pericyte cells or for stimulating the proliferation of  
 XX CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 XX CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 XX CC technology, in generating transgenic animals or knock-out animals which  
 XX CC may be used in the development and screening of therapeutically useful  
 XX CC reagents, in gene therapy, in chromosome identification, as chromosome  
 XX CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 XX CC antibodies, are useful for preparing a medicament for treating a  
 XX CC condition which is responsive to the PRO polypeptides or anti-PRO  
 XX CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 XX CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 XX CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 XX CC molecular markers for protein electrophoresis, and in tissue typing. This  
 XX CC sequence represents a human PRO polypeptide of the invention. Note: The  
 XX CC sequence data for this patent is also available in electronic format at  
 XX CC seqdata.uspto.gov/sequence.html.  
 XX SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 QY 61 FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLYDPTIMNADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLYDPTIMNADILAYCQKEGW 120  
 QY 121 CKLAFVLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFVLLAFFYLYGMIVLVSS 144  
 RESULT 101  
 ADD74329  
 ID ADD74329 standard; protein; 144 AA.  
 XX AC ADD74329;  
 XX DB 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #60.  
 XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX OS Homo sapiens.  
 XX PN US2003100709-A1.  
 XX PD 29-MAY-2003.  
 XX PF 09-AUG-2002; 2002US-00216162.  
 XX PR 25-JUL-2000; 2000US-0220585P.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 XX PR 29-JUN-2001; 2001WO-US021066.  
 XX PR 09-APR-2002; 2002US-00119480.  
 XX PA (GETH ) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ,  
 XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;  
 XX DR WPI; 2004-008959/01.  
 XX DR N-PSDB; ADD74328.  
 XX PT New secreted and transmembrane PRO polypeptide useful for preparing a  
 XX PT medicament for treating a condition that is responsive to the PRO  
 XX PT polypeptide or anti-PRO antibody, e.g. cancer.  
 XX PS Claim 11; Fig 120; 309pp; English.  
 XX CC The invention relates to human PRO polypeptides (secreted and  
 XX CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 XX CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 XX CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 XX CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 XX CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 XX CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 XX CC blood, for stimulating the proliferation or differentiation of  
 XX CC chondrocyte cells, for stimulating the proliferation of or gene  
 XX CC expression in pericyte cells or for stimulating the proliferation of  
 XX CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 XX CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 XX CC technology, in generating transgenic animals or knock-out animals which  
 XX CC may be used in the development and screening of therapeutically useful  
 XX CC reagents, in gene therapy, in chromosome identification, as chromosome  
 XX CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 XX CC antibodies, are useful for preparing a medicament for treating a  
 XX CC condition which is responsive to the PRO polypeptides or anti-PRO  
 XX CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 XX CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 XX CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 XX CC molecular markers for protein electrophoresis, and in tissue typing. This  
 XX CC sequence represents a human PRO polypeptide of the invention. Note: The  
 XX CC sequence data for this patent is also available in electronic format at  
 XX CC seqdata.uspto.gov/sequence.html.  
 XX SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 61 FFCVMFLCAAEWLTGLNMLPALLAHYHWRMSRPMVSGPGLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMLPALLAHYHWRMSRPMVSGPGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYIYLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 102  
 ADD76059  
 ID ADD76059 standard; protein; 144 AA.  
 XX  
 AC ADD76059;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation; lung tumour;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 FN US2003100718-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219467.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI: 2004-008968/01.  
 DR N-PSDB; ADD76059.  
 XX  
 PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 PT cancer.  
 XX  
 PS Claim 11; SEQ ID NO 120; 308pp; English.  
 XX  
 CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1317, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO341, PRO1801, PRO4333, PRO3543, PRO4444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,

CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7114, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or knock-out animals which are useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 XX Sequence 144 AA;  
 SQ

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFPCYMLALLTAALIFFAFHIIAFDELKTDYKKNPIDQCNTINPLVPEYLIHA 60  
 DB 1 MAFTFAAFPCYMLALLTAALIFFAFHIIAFDELKTDYKKNPIDQCNTINPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMLPALLAHYHWRMSRPMVSGPGLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMLPALLAHYHWRMSRPMVSGPGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYIYLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 103  
 ADD85551  
 ID ADD85551 standard; protein; 144 AA.  
 XX  
 AC ADD85551;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 FN US2003100721-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219473.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI

PI	Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	DT	29-JAN-2004 (first entry)	XX	Human PRO polypeptide #60.
XX	WPI; 2004-008971/01.	XX		XX	Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;
DR	N-PSDB; ADD85550.	XX		XX	cancer; lung; colon; breast; prostate; rectum; liver;
DR		XX		XX	tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
XX	New secreted and transmembrane PRO polypeptides and nucleic acids, useful	KW		KW	pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
PT	in gene therapy, or for preparing a medicament for treating a condition	KW		KW	arthritis; sports injury; cytostatic; antiarthritic.
PT	that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.	XX		OS	Homo sapiens.
PT	cancer.	XX		XX	US2003100726-A1.
XX	Claim 11; SEQ ID NO 120; 308pp; English.	XX		XX	29-MAY-2003.
XX	The invention describes an isolated PRO (secreted and transmembrane)	XX		XX	26-AUG-2002; 2002US-00227878.
CC	polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are	XX		XX	05-JUN-2000; 2000US-0209832P.
CC	useful for stimulating the proliferation of or gene expression in	PR		PR	15-SEP-2000; 2000US-0232887P.
CC	pericyte cells. PRO357, PRO1272 or PRO4405 polypeptide are useful	PR		PR	01-JUN-2001; 2001WO-US017800.
CC	for stimulating the proliferation or differentiation of chondrocyte	PR		PR	23-JUN-2001; 2001WO-US021066.
CC	cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide	PR		PR	03-APR-2002; 2002US-00119480.
CC	are useful for stimulating the release of tumour necrosis factor (TNF)-	XX		XX	(GETH ) GENENTECH INC.
CC	alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,	PI		PI	Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
CC	PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO1411, PRO1309,	XX		XX	Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
CC	PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1274, PRO1338,	XX		XX	N-PSDB; ADE05099.
CC	PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1338,	DR		DR	WPI; 2004-008976/01.
CC	PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1567,	XX		XX	New secreted and transmembrane PRO polypeptides and nucleic acids, useful
CC	PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,	XX		XX	in gene therapy, or for preparing a medicament for treating a condition
CC	PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,	XX		XX	that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.
CC	PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for	XX		XX	cancer.
CC	stimulating the proliferation of normal human dermal fibroblasts cells.	XX		XX	Claim 11; Fig 120; 308pp; English.
CC	PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,	XX		XX	The invention relates to human PRO polypeptides (secreted and
CC	PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for	XX		XX	transmembrane polypeptides) and the PRO polynucleotides encoding them.
CC	inhibiting the proliferation of normal human dermal fibroblast cells. PRO	CC		CC	The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
CC	polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,	CC		CC	diagnostics, biosensors or bioreactors. They are particularly useful for
CC	are useful for detecting the presence of tumour in a mammal which	CC		CC	detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
CC	involves comparing the level of expression of the above PRO polypeptides	CC		CC	prostate tumour, rectal tumour or liver tumour) in a mammal, for
CC	in a test sample of cells taken from the mammal, and a control sample of	CC		CC	stimulating the release of tumour necrosis factor (TNF)-alpha from human
CC	normal cells of the same cell type, where a higher level of expression of	CC		CC	blood, for stimulating the proliferation or differentiation of
CC	the PRO polypeptides in the test sample as compared to the control sample	CC		CC	chondrocyte cells, for stimulating the proliferation of or gene
CC	is indicative of the presence of tumour in the mammal. The tumour is lung	CC		CC	expression in pericyte cells or for stimulating the proliferation of
CC	tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or	CC		CC	normal human dermal fibroblasts. The PRO nucleic acids are useful as
CC	liver tumour. (I) is useful as molecular weight markers, for tissue	CC		CC	hybridisation probes, in chromosome and gene mapping, in generating
CC	typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is	CC		CC	antisense RNA and DNA, in preparing PRO polypeptides by recombinant
CC	useful for chromosome and gene mapping or gene therapy. (II) is useful	CC		CC	technology, in generating transgenic animals or knock-out animals which
CC	for generating transgenic animals or knock-out animals which are useful	CC		CC	may be used in the development and screening of therapeutically useful
CC	screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide	CC		CC	reagents, in gene therapy, in chromosome identification, as chromosome
CC	is useful for treating bone and/or cartilage disorders (e.g., arthritis,	CC		CC	antibodies, are useful for preparing a medicament for treating a
CC	sport injuries). This is the amino acid sequence of a human secreted and	CC		CC	condition which is pericysive to the PRO polypeptides or anti-PRO
CC	transmembrane PRO polypeptide.	CC		CC	antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX	Sequence 144 AA;	CC		CC	disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX		CC		CC	differentiation of chondrocytes. The PRO polypeptides are useful as
XX		CC		CC	molecular markers for protein electrophoresis, and in tissue typing. This
XX		XX		XX	sequence represents a human PRO polypeptide of the invention.
XX		XX		XX	Sequence 144 AA;
XX		XX		XX	Query Match 100.0%; Score 784; DB 8; Length 144;
XX		XX		XX	Best Local Similarity 100.0%; Pred. No. 2.2e-85;
XX		XX		XX	Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX		XX		XX	
XX		XX		XX	QY 1 MAFTFAACVYMLALLTAALIFFALWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60
XX		XX		XX	DB 1 MAFTFAACVYMLALLTAALIFFALWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60
XX		XX		XX	
XX		XX		XX	QY 61 FFCVWFLCAEAWLTGLNPLLAYHWRVMSRPGVSGGLVDPTTMMADILAYCQKEGW 120
XX		XX		XX	DB 61 FFCVWFLCAEAWLTGLNPLLAYHWRVMSRPGVSGGLVDPTTMMADILAYCQKEGW 120
XX		XX		XX	
XX		XX		XX	QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
XX		XX		XX	DB 121 CKLAFYLLAFFYLYGMIVLVSS 144
XX		XX		XX	
XX		XX		XX	RESULT 104
XX		XX		XX	ADE05100
XX		XX		XX	ID ADE05100 standard; protein; 144 AA.
XX		XX		XX	AC ADE05100;
XX		XX		XX	

CC differentiation of chondrocytes. The PRO polypeptides are useful as  
CC molecular markers for protein electrophoresis, and in tissue typing. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent can also be obtained in electronic format  
CC directly from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ Sequence 144 AA;  
  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFCCYMLALLTLGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
Db 1 MAFTFAAFCCYMLALLTLGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
  
QY 61 FFCVWFELCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
Db 61 FFCVWFELCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
  
RESULT 106  
ADD75313  
ID ADD75313 standard; protein; 144 AA.  
XX  
AC ADD75313;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE 13-AUG-2002; 2002US-00219071.  
XX  
PR 01-JUN-2001; 2001WO-US017800.  
XX  
PR 29-JUN-2001; 2001WO-US021066.  
XX  
PR 09-APR-2002; 2002US-00119480.  
XX  
PA (GETH ) GENENTECH INC.  
XX  
PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX  
XX WPI; 2004-008964/01.  
XX  
XX N-PSDB; ADD75312.  
XX  
XX New secreted and transmembrane PRO polypeptide useful for preparing a  
XX medicament for treating a condition that is responsive to the PRO  
XX polypeptide or anti-PRO antibody, e.g. cancer.  
XX  
XX Claim 11; Fig 120; 308pp; English.  
XX  
XX The invention relates to human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
XX diagnostics, biosensors or bioreactors. They are particularly useful for  
XX detecting tumour, rectal tumour, colon tumour, breast tumour,  
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for  
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
XX blood, for stimulating the proliferation or differentiation of  
XX chondrocyte cells, for stimulating the proliferation of or gene  
XX expression in pericyte cells or for stimulating the proliferation of  
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
XX technology, in generating transgenic animals or knock-out animals which  
XX may be used in the development and screening of therapeutically useful  
XX reagents, in gene therapy, in chromosome identification, as chromosome  
XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
XX antibodies, are useful for preparing a medicament for treating a  
XX condition which is responsive to the PRO polypeptides or anti-PRO  
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-

CC differentiation of chondrocytes. The PRO polypeptides are useful as  
CC molecular markers for protein electrophoresis, and in tissue typing. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent can also be obtained in electronic format  
CC directly from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ Sequence 144 AA;  
  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFCCYMLALLTLGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 60  
Db 1 MAFTFAAFCCYMLALLTLGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 60  
  
QY 61 FFCVWFELCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
Db 61 FFCVWFELCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
  
RESULT 106  
ADD76857  
ID ADD76857 standard; protein; 144 AA.  
XX  
AC ADD76857;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Novel human secreted and transmembrane protein PRO181.  
XX  
XX human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
XX antiarthritic; pericyte cell proliferation;  
XX pericyte cell differentiation; chondrocyte cell proliferation;  
XX chondrocyte cell differentiation; tumour necrosis factor alpha release;  
XX (TNF)-alpha release; dermal fibroblast cell proliferation;  
XX dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
XX colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX liver tumour; tissue typing; chromosome mapping; gene mapping;  
XX gene therapy.  
XX  
XX Homo sapiens.  
XX  
XX US2003100715-A1.  
XX  
XX 29-MAY-2003.  
XX  
XX 13-AUG-2002; 2002US-00219074.  
XX  
XX 22-JUN-1999; 99US-0140650P.  
XX  
XX 30-MAY-2000; 2000WO-US014941.  
XX  
XX 01-JUN-2001; 2001WO-US017800.  
XX  
XX 29-JUN-2001; 2001WO-US021066.  
XX  
XX 09-APR-2002; 2002US-00119480.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX  
XX WPI; 2004-008965/01.  
XX  
XX N-PSDB; ADD76856.  
XX  
XX New secreted and transmembrane PRO polypeptide useful for preparing a  
XX medicament for treating a condition that is responsive to the PRO  
XX polypeptide or anti-PRO antibody, e.g. cancer.  
XX  
XX Claim 11; SEQ ID NO 120; 308pp; English.  
XX

CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO1357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO326, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1397, PRO1409, PRO1474, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (III) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC for screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTALTAALIFFAIWHIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60  
 DB 1 MAFTFAAFCYMLALLTALTAALIFFAIWHIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60

QY 61 FCVWFLCAAEWLTGLNPLLAYHWRVMSRPGLYDPTTMMNADILAYCOKEGM 120  
 DB 61 FCVWFLCAAEWLTGLNPLLAYHWRVMSRPGLYDPTTMMNADILAYCOKEGM 120

QY 121 CKLAFYLLAFFYLYGMYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMYVLVSS 144

RESULT 107  
 ADD86625  
 ID ADD86625 standard; protein; 144 AA.  
 XX AC ADD86625;  
 XX DT 29-JAN-2004 (first entry)  
 XX DE Novel human secreted and transmembrane protein PRO181.  
 XX KW human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;

KW Gene therapy.  
 XX Homo sapiens.  
 OS US2003100719-A1.  
 FN 29-MAY-2003.  
 PD 14-AUG-2002; 2002US-00219469.  
 PF 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 PA Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-008969/01.  
 DR N-PSDB; ADD86624.  
 XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 PT cancer.  
 XX Claim 11; SEQ ID NO 120; 308pp; English.  
 PS The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO1357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO326, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1274, PRO1279, PRO1340, PRO1338,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1397, PRO1409, PRO1474, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (III) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC for screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTALTAALIFFAIWHIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60  
 DB 1 MAFTFAAFCYMLALLTALTAALIFFAIWHIAFDELKTDYKNPIDQCNTLNPLVPEYLIIA 60

QY 61 FCVWFLCAAEWLTGLNPLLAYHWRVMSRPGLYDPTTMMNADILAYCOKEGM 120  
 DB 61 FCVWFLCAAEWLTGLNPLLAYHWRVMSRPGLYDPTTMMNADILAYCOKEGM 120

QY 121 CKLAFYLLAFFYLYGMYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMYVLVSS 144

RESULT 107  
 ADD86625  
 ID ADD86625 standard; protein; 144 AA.  
 XX AC ADD86625;  
 XX DT 29-JAN-2004 (first entry)  
 XX DE Novel human secreted and transmembrane protein PRO181.  
 XX KW human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;

Db	1	MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA	60
Qy	61	FFCVMFELCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTIMNADIIAYCQKEGW	120
Db	61	FFCVMFELCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTIMNADIIAYCQKEGW	120
Qy	121	CKLAFYLLAFFYLYGMIYLVSS	144
Db	121	CKLAFYLLAFFYLYGMIYLVSS	144
RESULT 108			
AD71598	ID	ADE71598 standard; protein; 144 AA.	
XX	AC	ADE71598;	
XX	DT	29-JAN-2004 (first entry)	
XX	DE	Human lung tumour protein #4.	
XX	KW	human; lung tumour; cancer; lung cancer; vaccine.	
XX	OS	Homo sapiens.	
XX	FN	US2003125245-A1.	
XX	PD	03-JUL-2003.	
XX	PF	30-DEC-1999; 99US-00476300.	
XX	PR	30-JUN-1999; 99US-00346492.	
PR	15-OCT-1999; 99US-00419356.		
PR	17-DEC-1999; 99US-00466867.		
XX	PA	(WANG/) WANG T.	
PA	(BANG/) BANGUR C S.		
XX	PI	Wang T, Bangur CS;	
XX	DR	WPI; 2004-059187/06.	
XX	DR	N-PSDB; ADE72124.	
XX	PT	Compositions and methods for the therapy and diagnosis of lung cancer based on the detection of a lung tumor polypeptide or immunogenic portion of this lung tumor protein.	
XX	PS	Claim 52; SEQ ID NO 327; 38pp; English.	
XX	CC	The invention relates to a polypeptide comprising at least an immunogenic portion of a lung tumor protein or variant. The invention is useful for inhibiting the development of a cancer, particularly lung cancer, in a patient by administering to a patient an effective amount of a polypeptide, an effective amount of the polynucleotide, an effective amount of an antibody or antigen-binding fragment an antigen-presenting cell that expresses a polypeptide where the antigen-presenting cell is a dendritic cell, a biological sample treated by a method of the invention. or an isolated cell population prepared by a method of the invention. The pharmaceutical compositions and vaccines of the invention are also used for inhibiting the development of cancer. Methods are also provided for diagnosing cancer and also monitoring the progression of cancer. Current therapies of cancer are based on the combination of chemotherapy or surgery or radiation which prove to be inadequate in many patients. This invention provides effective vaccines and compositions which may be used in therapy. The compositions also provide early diagnostic procedures. The present sequence represents the amino acid sequence of a human lung tumour protein.	
XX	SQ	Sequence 144 AA;	
Query Match 100.0%; Score 784; DB 8; Length 144;			
Best Local Similarity 100.0%; Pred. No. 2.2e-85;			
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			

Qy	1	MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA	60	
Db	1	MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA	60	
Qy	61	FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTIMNADIIAYCQKEGW	120	
Db	61	FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTIMNADIIAYCQKEGW	120	
Qy	121	CKLAFYLLAFFYLYGMIYVLVSS	144	
Db	121	CKLAFYLLAFFYLYGMIYVLVSS	144	
RESULT 109				
AD78093	ID	ADD78093 standard; protein; 144 AA.		
XX	AC	ADD78093;		
XX	DT	29-JAN-2004 (first entry)		
XX	DE	Novel human secreted and transmembrane protein PRO181.		
XX	KW	human; secreted and transmembrane protein; PRO; cytostatic; vulnerary; antiarthritic; pericyte cell proliferation; chondrocyte cell proliferation; pericyte cell differentiation; chondrocyte cell proliferation; chondrocyte cell differentiation; tumour necrosis factor alpha release; (TNF)-alpha release; dermal fibroblast cell proliferation; dermal fibroblast cell differentiation inhibitor; tumour; lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour; liver tumour; tissue typing; chromosome mapping; gene mapping; gene therapy.		
XX	OS	Homo sapiens.		
XX	FN	US2003100731-A1.		
XX	PD	29-MAY-2003.		
XX	PF	28-AUG-2002; 2002US-00230234.		
XX	PR	01-JUN-2001; 2001WO-US017800.		
PR	29-JUN-2001; 2001WO-US021066.			
PR	09-APR-2002; 2002US-00119480.			
XX	PA	(GETH ) GENENTECH INC.		
XX	PI	Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;		
PI	Grimaldi JC, Gurney AI, Smith V, Stephan JF, Watanabe CK, Wood WI;			
XX	DR	WPI; 2004-008981/01.		
DR	N-PSDB; ADD78092.			
XX	PT	New PRO polypeptide and nucleic acid useful for gene therapy, chromosome identification, tissue typing, or as hybridization probes in chromosome and gene mapping.		
XX	PS	Claim 11; SEQ ID NO 120; 308pp; English.		
XX	CC	The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of or gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1155, PRO1306, PRO1419, PRO2147, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO130, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,		

CC PRO1887, PRO1928, PRO3431, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MAFTFAAFVCMALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
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## RESULT 110

ID ADE89757  
 AC ADE89757 standard; protein; 144 AA.  
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 XX ADE89757;  
 DT 29-JAN-2004 (first entry)  
 XX  
 XX Human secreted/transmembrane protein, PRO181.  
 DE  
 XX Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003130181-A1.  
 FN  
 XX 10-JUL-2003.  
 PD  
 XX 16-OCT-2001; 2001US-00978375.  
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Tue Jun 15 08:30:06 2004

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PR 15-MAY-1998; 98US-0085700P.
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PR 18-MAY-1998; 98US-0086023P.
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PR 10-MAR-1999; 98US-0113621P.
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PR 23-JUN-1999; 98US-0142680P.
PR 07-JUL-1999; 98US-0145698P.
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PR 02-DEC-1999; 98US-028551P.
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PR 30-DEC-1999; 98US-031243P.
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PR 06-JAN-2000; 2000US-03000219.
PR 11-FEB-2000; 2000US-03000277.
PR 18-FEB-2000; 2000US-03000376.
PR 24-FEB-2000; 2000US-03003565.
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PR 30-MAR-2000; 2000US-03003565.
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PR 28-JUL-2000; 2000US-03003565.
PR 24-AUG-2000; 2000US-03003565.
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PR 20-DEC-2000; 2000US-03003565.
PR 28-FEB-2001; 2001US-03003565.
PR 25-MAY-2001; 2001US-03003565.
PR 01-JUN-2001; 2001US-03003565.
PR 20-JUN-2001; 2001US-03003565.
PR 29-JUL-2001; 2001US-03003565.
PR 09-JUL-2001; 2001US-03003565.
PR 30-JUL-2001; 2001US-03003565.
PR (ASHK/) ASHKENAZI A J.
PR (BAKE/) BAKER K P.
PR (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANG/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
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Query Match 100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFVYLLALTAALIFFAIWHIIAFDELKTYKPIDOCNTLNPLVLEYLIHA 60
DB 1 MAFTFAAFVYLLALTAALIFFAIWHIIAFDELKTYKPIDOCNTLNPLVLEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPPLAYHIWYMRPVMGSLYDPTTIMNADILAYCQEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPPLAYHIWYMRPVMGSLYDPTTIMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYLVSS 144
RESULT 111
ADD77601
ID ADD77601 standard; protein; 144 AA.
XX ADD77601;
XX 29-JAN-2004 (first entry)
DE Novel human secreted and transmembrane protein PRO181.
XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;
KW antiarthritic; pericyte cell proliferation;
KW pericyte cell differentiation; chondrocyte cell proliferation;
KW chondrocyte cell differentiation; tumour necrosis factor alpha release;
KW (TNF)-alpha release; dermal fibroblast cell proliferation;
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;
KW colon tumour; breast tumour; prostate tumour; rectal tumour;
KW liver tumour; tissue typing; chromosome mapping; gene mapping;
KW gene therapy.
XX Homo sapiens.
XX OS
XX US2003100729-A1.
XX PN
XX 29-MAY-2003.
XX PD
XX 28-AUG-2002; 2002US-00230113.
XX PF
XX 01-JUN-2001; 2001WO-US017800.
XX PR
XX 29-JUN-2001; 2001WO-US021066.

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PR 09-APR-2002; 2002US-00119480.  
 PA (GETH ) GENENTECH INC.  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-008979/01.  
 DR N-PSDB; ADD77600.  
 XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 PT cancer.  
 XX Claim 11; SEQ ID NO 120; 308pp; English.  
 PS The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO331, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1286, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1343, PRO1376, PRO1387, PRO1305, PRO1474, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO1760, PRO1567,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX Sequence 144 AA;  
 SQ Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCVMAALLTAALIFFAIWHIIAFDELKIDYKNPIDQCNTNPLVPLVLIHA 60  
 Db 1 MAFTFAFCVMAALLTAALIFFAIWHIIAFDELKIDYKNPIDQCNTNPLVPLVLIHA 60  
 QY 61 FFCVMELCAEWLTGLNMLPILAYHIIWYNSRPMVSGPGLYDPTTNNADILAYCOKEG 120  
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 QY 121 CKLAFYLLAFYYLYGMYIVLVGS 144  
 Db 121 CKLAFYLLAFYYLYGMYIVLVGS 144

ADD77847  
 ID ADD77847 standard; protein; 144 AA.  
 XX AC ADD77847;  
 XX 29-JAN-2004 (first entry)  
 XX Novel human secreted and transmembrane protein PRO181.  
 XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX Homo sapiens.  
 OS US2003100730-A1.  
 PN 29-MAY-2003.  
 PD 28-AUG-2002; 2002US-00230183.  
 PF 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 PA Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-008980/01.  
 DR N-PSDB; ADD77846.  
 XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 PT cancer.  
 XX Claim 11; SEQ ID NO 120; 308pp; English.  
 PS The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO331, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
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 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO1760, PRO1567,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX Sequence 144 AA;  
 SQ Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCVMAALLTAALIFFAIWHIIAFDELKIDYKNPIDQCNTNPLVPLVLIHA 60  
 Db 1 MAFTFAFCVMAALLTAALIFFAIWHIIAFDELKIDYKNPIDQCNTNPLVPLVLIHA 60  
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 Db 61 FFCVMELCAEWLTGLNMLPILAYHIIWYNSRPMVSGPGLYDPTTNNADILAYCOKEG 120  
 QY 121 CKLAFYLLAFYYLYGMYIVLVGS 144  
 Db 121 CKLAFYLLAFYYLYGMYIVLVGS 144

CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKNPFDQCNTLNPLVPEYLIIHA 60

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QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTIMNADILAYCQKEGW 120

Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 113

ADD85305

ID ADD85305 standard; protein; 144 AA.

AC ADD85305;

DT 29-JAN-2004 (first entry)

DE Novel human secreted and transmembrane protein PRO181.

KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW pericyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX Homo sapiens.

OS US2003100725-A1.

PN 29-MAY-2003.

XX 26-AUG-2002; 2002US-00227876.

XX 15-SEP-2000; 2000US-0232887P.

PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;

XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2004-008975/01.

XX N-PSDB; ADD85304.

XX New secreted and transmembrane PRO polypeptide useful for preparing a

XX medicament for treating a condition that is responsive to the PRO

XX polypeptide or anti-PRO antibody, e.g. cancer.

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Claim 11; SEQ ID NO 120; 308pp; English.

The invention describes an isolated PRO (secreted and transmembrane)  
 polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 useful for stimulating the proliferation of or gene expression in  
 pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 for stimulating the proliferation or differentiation of chondrocyte  
 cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 are useful for stimulating the release of tumour necrosis factor (TNF)-  
 alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO144,  
 PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 PRO1025, PRO1181, PRO1266, PRO1186, PRO1192, PRO1244, PRO1412,  
 PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 stimulating the proliferation of normal human dermal fibroblasts cells.  
 PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 are useful for detecting the presence of tumour in a mammal which  
 involves comparing the level of expression of the above PRO polypeptides  
 in a test sample of cells taken from the mammal, and a control sample of  
 normal cells of the same cell type, where a higher level of expression of  
 the PRO polypeptides in the test sample as compared to the control sample  
 is indicative of the presence of tumour in the mammal. The tumour is lung  
 tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 liver tumour. (I) is useful as molecular weight markers, for tissue  
 typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 useful for chromosome and gene mapping or gene therapy. (II) is useful  
 for generating transgenic animals or knock-out animals which are useful  
 screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 sport injuries). This is the amino acid sequence of a human secreted and  
 transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKNPFDQCNTLNPLVPEYLIIHA 60

Db 1 MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKNPFDQCNTLNPLVPEYLIIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTIMNADILAYCQKEGW 120

Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 114

ADD73837

ID ADD73837 standard; protein; 144 AA.

XX AC ADD73837;

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #60.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.

```

OS XX Homo sapiens.
PN XX US2003100710-A1.
XX XX 29-MAY-2003.
PD XX
PF XX
XX XX 09-AUG-2002; 2002US-00216164.
XX XX
XX XX 05-JUN-2000; 2000US-0209832P.
PR XX 15-SEP-2000; 2000US-0232887P.
PR XX 01-JUN-2001; 2001WO-US017800.
PR XX 29-JUN-2001; 2001WO-US021066.
PR XX 09-APR-2002; 2002US-00119480.
XX XX
XX XX (GETH ) GENENTECH INC.
XX XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX XX WPI; 2004-008960/01.
XX XX N-PSDB; ADD73836.
XX XX
XX XX New secreted and transmembrane PRO polypeptide useful for preparing a
XX XX medicament for treating a condition that is responsive to the PRO
XX XX polypeptide or anti-PRO antibody, e.g. cancer.
XX XX
XX XX Claim 11; Fig 120; 309pp; English.
XX XX
XX XX The invention relates to human PRO polypeptides (secreted and
XX XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX XX chondrocyte cells, for stimulating the proliferation or differentiation of
XX XX expression in pericyte cells or for stimulating the proliferation of
XX XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX XX hybridisation probes, in chromosome and gene mapping, in generating
XX XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX XX technology, in generating transgenic animals or knock-out animals which
XX XX may be used in the development and screening of therapeutically useful
XX XX reagents, in gene therapy, in chromosome identification, as chromosome
XX XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX XX antibodies, are useful for preparing a medicament for treating a
XX XX condition which is responsive to the PRO polypeptides or anti-PRO
XX XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX XX molecular markers for protein electrophoresis, and in tissue typing. This
XX XX sequence represents a human PRO polypeptide of the invention. Note: The
XX XX sequence data for this patent is also available in electronic format at
XX XX seqdata.uspto.gov/sequence.html.
XX XX
XX XX Sequence 144 AA;
XX XX
XX XX Query Match 100.0%; Score 784; DB 8; Length 144;
XX XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;
XX XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX XX
XX XX 1 MAFTFAAFPCYMLALLTAAALFFAIWHIAFDELKDYKNPIDQNTLNPLVLYLHA 60
XX XX 1 MAFTFAAFPCYMLALLTAAALFFAIWHIAFDELKDYKNPIDQNTLNPLVLYLHA 60
XX XX
XX XX 61 FFCWFELCAEWLTLGLNPLLAHYHRYMSRPVWMSGPLGYDPTTINADILAYCOKEGW 120
XX XX 61 FFCWFELCAEWLTLGLNPLLAHYHRYMSRPVWMSGPLGYDPTTINADILAYCOKEGW 120
XX XX
XX XX 121 CKLAFYLLAFYYLYGMYIVLVSS 144
XX XX 121 CKLAFYLLAFYYLYGMYIVLVSS 144
XX XX

```

RESULT 115  
 ADD74575  
 ID ADD74575 standard; protein; 144 AA.  
 XX  
 AC ADD74575;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Human PRO polypeptide #60.  
 XX  
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003100713-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219065.  
 XX  
 PR 25-JUL-2000; 2000US-0220638P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 WPI; 2004-008963/01.  
 XX  
 N-PSDB; ADD74574.  
 XX  
 XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 XX medicament for treating a condition that is responsive to the PRO  
 XX polypeptide or anti-PRO antibody, e.g. cancer.  
 XX  
 XX Claim 11; Fig 120; 308pp; English.  
 XX  
 XX The invention relates to human PRO polypeptides (secreted and  
 XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 XX diagnostics, biosensors or bioreactors. They are particularly useful for  
 XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 XX prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 XX chondrocyte cells, for stimulating the proliferation or differentiation of  
 XX expression in pericyte cells or for stimulating the proliferation of  
 XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 XX hybridisation probes, in chromosome and gene mapping, in generating  
 XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 XX technology, in generating transgenic animals or knock-out animals which  
 XX may be used in the development and screening of therapeutically useful  
 XX reagents, in gene therapy, in chromosome identification, as chromosome  
 XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
 XX antibodies, are useful for preparing a medicament for treating a  
 XX condition which is responsive to the PRO polypeptides or anti-PRO  
 XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 XX disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 XX differentiation of chondrocytes. The PRO polypeptides are useful as  
 XX molecular markers for protein electrophoresis, and in tissue typing. This  
 XX sequence represents a human PRO polypeptide of the invention. Note: The  
 XX sequence data for this patent can also be obtained in electronic format  
 XX directly from USPTO at seqdata.uspto.gov/sequence.html.  
 XX  
 XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPDCNTLNPLVLPYLIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPDCNTLNPLVLPYLIHA 60

QY 61 FFCVNFCAAEWLTGLNPLLAYHIWYMRSPVMSGFLYDPTIMNADILAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLTGLNPLLAYHIWYMRSPVMSGFLYDPTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMYVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYVLVSS 144

RESULT 116  
 ADD77103  
 ID ADD77103 standard; protein; 144 AA.  
 AC ADD77103;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation; lung tumour;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 PN US2003100716-A1.  
 XX  
 XX 29-MAY-2003.  
 XX  
 XX 13-AUG-2002; 2002US-00219077.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KD, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 XX WPI; 2004-008966/01.  
 DR N-ESDB; ADD77102.  
 XX  
 XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 PT cancer.  
 XX  
 XX Claim 11; SEQ ID NO 120; 308pp; English.  
 PS  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of c: gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO940, PRO1080,

CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4332,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPDCNTLNPLVLPYLIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPDCNTLNPLVLPYLIHA 60

QY 61 FFCVNFCAAEWLTGLNPLLAYHIWYMRSPVMSGFLYDPTIMNADILAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLTGLNPLLAYHIWYMRSPVMSGFLYDPTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMYVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYVLVSS 144

RESULT 117

ADD85797  
 ID ADD85797 standard; protein; 144 AA.

XX  
 AC ADD85797;

XX  
 DT 29-JAN-2004 (first entry)

XX  
 DE Novel human secreted and transmembrane protein PRO181.

XX human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.

XX  
 PN US2003100720-A1.

XX  
 XX 29-MAY-2003.

XX  
 PF 14-AUG-2002; 2002US-00219471.

XX 18-NOV-1998; 98US-0108849P.  
PR 01-SEP-1999; 99MO-US020111.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX WPI; 2004-008970/01.  
XX N-PSDB; ADD85796.  
XX New secreted and transmembrane PRO polypeptide useful for preparing a  
XX medicament for treating a condition that is responsive to the PRO  
XX polypeptide or anti-PRO antibody, e.g. cancer.  
XX Claim 11; SEQ ID NO 120; 308pp; English.  
XX The invention describes an isolated PRO (secreted and transmembrane)  
XX polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
XX useful for stimulating the proliferation of or gene expression in  
XX pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
XX for stimulating the proliferation or differentiation of chondrocyte  
XX cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
XX are useful for stimulating the release of tumour necrosis factor (TNF)-  
XX alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
XX PRO247, PRO337, PRO826, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
XX PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
XX PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
XX PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
XX PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
XX PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
XX PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
XX stimulating the proliferation of normal human dermal fibroblasts cells.  
XX PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
XX PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
XX inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
XX polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
XX are useful for detecting the presence of tumour in a mammal which  
XX involves comparing the level of expression of the above PRO polypeptides  
XX in a test sample of cells taken from the mammal, and a control sample of  
XX normal cells of the same cell type, where a higher level of expression of  
XX the PRO polypeptides in the test sample as compared to the control sample  
XX is indicative of the presence of tumour in the mammal. The tumour is lung  
XX tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
XX liver tumour. (I) is useful as molecular weight markers, for tissue  
XX typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
XX useful for chromosome and gene mapping or gene therapy. (II) is useful  
XX for generating transgenic animals or knock-out animals which are useful  
XX screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
XX is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
XX sport injuries). This is the amino acid sequence of a human secreted and  
XX transmembrane PRO polypeptide.  
XX Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLLTALIFFAIWHIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60  
DB 1 MAFTFAFCYMLALLLTALIFFAIWHIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60  
QY 61 FFCVWFLCAAEWLTLGLNPELLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKGM 120  
DB 61 FFCVWFLCAAEWLTLGLNPELLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKGM 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
XX

Db 121 CKLAFYLLAFFYLYGMIVLVSS 144  
RESULT 118  
ADE05346  
ID ADE05346 standard; protein; 144 AA.  
XX ADE05346;  
XX AC ADE05346;  
XX 29-JAN-2004 (first entry)  
XX Human PRO polypeptide #60.  
DE Human PRO polypeptide #60.  
XX Human; PRO: secreted polypeptide; transmembrane polypeptide; tumour;  
XX cancer; lung; colon; breast; prostate; rectum; liver;  
XX tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
XX pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
XX arthritis; sports injury; cytostatic; antiarthritic.  
XX Homo sapiens.  
OS  
XX US2003100723-A1.  
XX 29-MAY-2003.  
XX 13-AUG-2002; 2002US-00219482.  
XX 26-JUL-2000; 2000US-0220893P.  
XX 01-JUN-2001; 2001WO-US017800.  
XX 29-JUN-2001; 2001WO-US021066.  
XX 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX WPI; 2004-008973/01.  
XX N-PSDB; ADE05345.  
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
XX in gene therapy, or for preparing a medicament for treating a condition  
XX that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
XX cancer.  
XX Claim 11; Fig 120; 308pp; English.  
XX The invention relates to human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
XX diagnostics, biosensors or bioreactors. They are particularly useful for  
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
XX prostate tumour, rectal tumour or liver tumour) in a mammal for  
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
XX blood, for stimulating the proliferation or differentiation of  
XX chondrocyte cells, for stimulating the proliferation of or gene  
XX expression in pericyte cells or for stimulating the proliferation of  
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
XX technology, in generating transgenic animals or knock-out animals which  
XX may be used in the development and screening of therapeutically useful  
XX reagents, in gene therapy, in chromosome identification, as chromosome  
XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
XX antibodies, are useful for preparing a medicament for treating a  
XX condition which is responsive to the PRO polypeptides or anti-PRO  
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-  
XX differentiation of chondrocytes. The PRO polypeptides are useful as  
XX molecular markers for protein electrophoresis, and in tissue typing. This  
XX sequence represents a human PRO polypeptide of the invention.  
XX Sequence 144 AA;  
SQ

Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 119  
ADD74821  
ID ADD74821 standard; protein; 144 AA.  
XX  
AC ADD74821;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #60.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
KW cancer; lung; colon; breast; prostate; rectum; liver;  
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
KW arthritis; sports injury; cytostatic; antiarthritic.  
XX  
OS Homo sapiens.  
XX  
FN US2003100724-A1.  
XX  
PD 29-MAY-2003.  
XX  
PF 26-AUG-2002; 2002US-00227874.  
XX  
PR 01-MAR-2001; 2001WO-US006666.  
XX  
PR 09-APR-2002; 2002US-00119480.  
XX  
PA (GETH ) GENENTECH INC.  
XX  
FI Baker KP, Desnoyers L, Gerritsen MB, Goddard A, Godowski PJ;  
FI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WT;  
XX  
DR WPI; 2004-008974/01.  
DR N-PSDB; ADD74820.  
XX  
PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
PT in gene therapy, or for preparing a medicament for treating a condition  
PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
cancer.  
XX  
PS Claim 11; Fig 120; 309pp; English.  
XX  
CC The invention relates to human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
CC diagnostics, biosensors or bioreactors. They are particularly useful for  
CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
CC blood, for stimulating the proliferation or differentiation of  
CC chondrocyte cells, for stimulating the proliferation of or gene  
CC expression in pericyte cells or for stimulating the proliferation of  
CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant

CC technology, in generating transgenic animals or knock-out animals which  
CC may be used in the development and screening of therapeutically useful  
CC reagents, in gene therapy, in chromosome identification, as chromosome  
CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
CC antibodies, are useful for preparing a medicament for treating a  
CC condition which is responsive to the PRO polypeptides or anti-PRO  
CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
CC differentiation of chondrocytes. The PRO polypeptides are useful as  
CC molecular markers for protein electrophoresis, and in tissue typing. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent can also be obtained in electronic format  
CC directly from USPTO at seqdata.uspto.gov/sequence.html.  
XX  
SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 120  
AA04316  
ID AA04316 standard; protein; 145 AA.  
XX  
AC AA04316;  
XX  
DT 18-JUN-1999 (first entry)  
XX  
DE Human secreted protein encoded by gene 24.  
XX  
KW Human; secreted protein; cancer; tumour; developmental abnormality;  
KW foetal deficiency; blood disorder; immune system disorder; inflammation;  
KW autoimmune disease; allergy; Alzheimer's disease; cognitive disorder;  
KW schizophrenia; arthritis; asthma; psoriasis; sepsis; skin disorder;  
KW atherosclerosis; diabetes; cardiovascular disorder; kidney disorder;  
KW digestive disorder; endocrine disorder; infection; AIDS.  
XX  
OS Homo sapiens.  
XX  
FN WO9910363-A1.  
XX  
PD 04-MAR-1999.  
XX  
PF 27-AUG-1998; 98WO-US017709.  
XX  
PR 29-AUG-1997; 97US-0056073P.  
XX  
PR 29-AUG-1997; 97US-0056247P.  
XX  
PR 29-AUG-1997; 97US-0056270P.  
XX  
PR 29-AUG-1997; 97US-0056271P.  
XX  
PA (HUMA-) HUMAN GENOME SCI INC.  
XX  
PI Ruben SM, Rosen CA, Fan P, Kyaw H, Wei YF;  
XX  
DR WPI; 1999-190585/16.  
XX  
DR N-PSDB; AAX30168.  
XX  
PT New isolated human genes and the secreted polypeptides they encode -  
PT useful for diagnosis and treatment of e.g. cancers, neurological  
PT disorders, immune diseases, inflammation or blood disorders.

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XX PS Claim 11; Page 158; 170pp; English.
XX CC AAX30145 to AAX30173 represent 29 isolated human secreted protein genes.
XX CC AAX04293 to AAX04321 represent the secreted proteins encoded by the 29
XX CC human genes. The genes and their corresponding secreted polypeptides are
XX CC useful for preventing, treating or ameliorating medical conditions, e.g.
XX CC by protein or gene therapy. Also pathological conditions can be diagnosed
XX CC by determining the amount of the new polypeptides in a sample or by
XX CC determining the presence of mutations in the new genes. Specific uses are
XX CC described for each of the 29 genes, based on which tissues they are most
XX CC highly expressed in, and include developing products for the diagnosis or
XX CC treatment of cancer, tumours, developmental abnormalities and foetal
XX CC deficiencies, blood disorders, diseases of the immune system, autoimmune
XX CC diseases, inflammation, allergies, Alzheimer's and cognitive disorders,
XX CC schizophrenia, arthritis, asthma, psoriasis, sepsis, skin disorders,
XX CC atherosclerosis, diabetes, cardiovascular disorders, kidney disorders,
XX CC digestive/endocrine disorders, infections and AIDS. The polypeptides are
XX CC also useful for identifying their binding partners. The sequences given
XX CC in AAX30174 to AAX30182 and AAX04322 to AAX04334 are used in the
XX CC exemplification of the present invention
XX SQ Sequence 145 AA;

Query Match 100.0%; Score 784; DB 2; Length 145;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MAFTAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
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DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPGLYDPTTINMADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 121
AAY53622
ID AAY53622 standard; protein; 142 AA.
XX AC AAY53622;
XX DT 22-FEB-2000 (first entry)
XX DE A bone marrow secreted protein designated hCornichon.
XX KW Bone marrow secreted protein; bone marrow stromal cell; cytokine;
XX KW cell proliferation; cell differentiation; hematopoiesis; anaemia;
XX KW myeloid cell deficiency; lymphoid cell deficiency; myeloid cell;
XX KW erythroid progenitor cell; colony stimulating factor; granulocyte;
XX KW monocyte; macrophage; myelo-suppression; megakaryocyte; platelet;
XX KW platelet disorder; thrombocytopenia; hematopoietic stem cell;
XX KW stem cell disorder; aplastic anaemia; bone differentiation;
XX KW paroxysmal nocturnal hemoglobinuria; bone growth; cartilage; tendon;
XX KW ligament; nerve; wound healing; tissue repair; burn; incision; ulcer;
XX KW bone fracture; cartilage damage; artificial joint.
XX OS Homo sapiens.
XX FH Key Location/Qualifiers
XX FT Peptide 1..28
XX FT /note= "signal peptide"
XX PN WO9933979-A2.
XX PD 08-JUL-1999.
XX PF 18-DEC-1998; 98WO-US027008.

XX PR 30-DEC-1997; 97US-0068958P.
XX PR 24-SEP-1998; 98US-0101603P.
XX PR 30-SEP-1998; 98US-0102540P.
XX PA (CHIR ) CHIRON CORP.
XX PI Lin H, Cao L;
XX DR WPI; 2000-038344/03.
XX DR N-PSDB; AAZ36228.
XX PT New isolated human polynucleotide and secreted proteins can induce
XX PT production of other cytokines in certain cell populations.
XX PS Claim 2; Page 71; 120pp; English.
XX CC AAY53622-43 represent bone marrow secreted proteins of human bone marrow
XX CC stromal cells. The proteins can exhibit cytokine, cell proliferation, or
XX CC cell differentiation activity (either inducing or inhibiting). They can
XX CC be used to support colony forming cells or factor-dependent cell lines,
XX CC to regulate hematopoiesis, and to treat myeloid or lymphoid cell
XX CC deficiencies. In addition, they may be used to support the growth and
XX CC proliferation of erythroid progenitor cells, and to treat various
XX CC anaemias. They can have colony stimulating factor (CSF) activity and can
XX CC be used to support the growth and proliferation of myeloid cells such as
XX CC granulocytes, monocytes or macrophages, to prevent or treat myelo-
XX CC suppression, to support the growth and proliferation of megakaryocytes
XX CC and platelets, thereby allowing prevention or treatment of platelet
XX CC disorders such as thrombocytopenia, to support the growth and
XX CC proliferation of hematopoietic stem cells, either in place of or in
XX CC conjunction with platelet transfusions, to treat stem cell disorders,
XX CC such as aplastic anaemia and paroxysmal nocturnal hemoglobinuria, or to
XX CC repopulate the stem cell compartment after irradiation or chemotherapy.
XX CC They can be used for growth or differentiation of bone, cartilage,
XX CC tendon, ligament, or nerve tissue, as well as for wound healing and
XX CC tissue repair and replacement, and in the treatment of burns, incisions
XX CC and ulcers, to induce cartilage and/or bone growth in circumstances where
XX CC bone is not normally formed and thus have an application in healing bone
XX CC fractures and cartilage damage or defects, prophylactic use in fracture
XX CC reduction and also in the improved fixation of artificial joints
XX SQ Sequence 142 AA;

Query Match 98.9%; Score 775; DB 3; Length 142;
Best Local Similarity 100.0%; Pred. No. 2.6e-84;
Matches 142; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 FTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHAFF 60
QY 63 CVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPGLYDPTTINMADILAYCQEGWCK 122
DB 61 CVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPGLYDPTTINMADILAYCQEGWCK 120
QY 123 LAFYLLAFFYLYGMIYVLVSS 144
DB 121 LAFYLLAFFYLYGMIYVLVSS 142

Search completed: June 14, 2004, 20:35:01
Job time : 98 secs
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OM nucleic - nucleic search, using sw model

Run on: June 14, 2004, 17:53:11 ; Search time 604 Seconds

(without alignments)

10073.657 Million cell updates/sec

Title: US-09-978-298A-321

Perfect score: 1333

Sequence: 1 gccacgcgtccgtagcgt.....aaactctgaaattaagactc 1333

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Gapop 10.0 , Gapext 1.0

Searched: 2998549 seqs, 2282253817 residues

Total number of hits satisfying chosen parameters: 208

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database : Published Applications NA:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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208	1203.4	90.7	1640	10	US-09-814-353-20379	Sequence 20379, A

## ALIGNMENTS

## RESULT 1

US-09-978-295A-321

; Sequence 321, Application US/09978295A

; Patent No. US20020156006A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
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; APPLICANT: Eaton, Dan  
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; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
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; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2830PIC11  
CURRENT APPLICATION NUMBER: US/09/978,295A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
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PRIOR APPLICATION NUMBER: 60/062250  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

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RESULT 2  
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; Sequence 321, Application US/09978697  
; Patent No. US20020169284A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
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; APPLICANT: Botstein, David  
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APPLICANT: Fong, Sherman  
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APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC27  
CURRENT APPLICATION NUMBER: US/09/978,697  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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; Patent No. US20020177553A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Sheiton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630F1C9  
CURRENT APPLICATION NUMBER: US/09/978,192A  
CURRENT FILING DATE: 2001-10-15  
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PRIOR FILING DATE: 2001-07-30  
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; Publication No. US20020192706A1
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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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; Publication No. US20030004102A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
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QY 1081 AGTAAACATGATATAAAAAATATATGCTGAATTTACTTGTGAAGATGCAATTTAAAGCTATT 1140

Db 1081 AGTAAACATGATATAAATAATATAGCTGAATTAATCTGTGAAGATGCAATTTAAAGCTATT 1140  
Qy 1141 TTAATGCTGTTTTATTTGTAAGACATTAATTATTAAGAAATGGTTTATTTATGCTTACTG 1200  
Db 1141 TTAATGCTGTTTTATTTGTAAGACATTAATTATTAAGAAATGGTTTATTTATGCTTACTG 1200  
Qy 1201 TTCTAATCTGCTGTAAGGTATTCTTAAGAAATTTGCAAGTACTACAGATTTTCARAACT 1260  
Db 1201 TTCTAATCTGCTGTAAGGTATTCTTAAGAAATTTGCAAGTACTACAGATTTTCARAACT 1260  
Qy 1261 GAATGAGAGAAAATTTGATAACCATCTGCTGTTTCTTTAGTGAATACAAATAAACTCT 1320  
Db 1261 GAATGAGAGAAAATTTGATAACCATCTGCTGTTTCTTTAGTGAATACAAATAAACTCT 1320  
Qy 1321 GAAATTAAGACTC 1333  
Db 1321 GAAATTAAGACTC 1333

## RESULT 6

US-09-978-608A-321

; Sequence 321, Application US/09978608A

; Publication No. US20030045462A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Baton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C22

; CURRENT APPLICATION NUMBER: US/09/978,608A

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 321

; LENGTH: 1333

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-978-608A-321

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCCACGCGTCCGATGCGCTTACGTTTCGGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60  
Db 1 GCCACGCGTCCGATGCGCTTACGTTTCGGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60

Qy 61 CACTCGCGGCTCATCTTCTTCGCCATTTGGCACATTAAGCATTTGATGAGCTGAAGAC 120  
Db 61 CACTCGCGGCTCATCTTCTTCGCCATTTGGCACATTAAGCATTTGATGAGCTGAAGAC 120  
Qy 121 TGATTACAAGAACTCTATAGACCAAGTGAATACCTGAAATCCCTTGTACTCCACAGTA 180  
Db 121 TGATTACAAGAACTCTATAGACCAAGTGAATACCTGAAATCCCTTGTACTCCACAGTA 180  
Qy 181 CCTCATCCAGGCTTCTTCTGCTCAAGTTTCTTTGTGCAAGCAGAGTGGCTTAACATGGG 240  
Db 181 CCTCATCCAGGCTTCTTCTGCTCAAGTTTCTTTGTGCAAGCAGAGTGGCTTAACATGGG 240  
Qy 241 TCTCAATATGCCCTCTTCTGCAATATATTTGGAGGTATATCAGTAGACCACTGATGAG 300  
Db 241 TCTCAATATGCCCTCTTCTGCAATATATTTGGAGGTATATCAGTAGACCACTGATGAG 300  
Qy 301 TGGCCCGAGGACTCTATGACCCCTACAACCATCATGAATGCAGATATTTCTAGCATATGTC 360  
Db 301 TGGCCCGAGGACTCTATGACCCCTACAACCATCATGAATGCAGATATTTCTAGCATATGTC 360  
Qy 361 GAAGGAAGATGCTGCAAAATAGCTTTTATCTTCTAGCATTTTCTTACCTATATGG 420  
Db 361 GAAGGAAGATGCTGCAAAATAGCTTTTATCTTCTAGCATTTTCTTACCTATATGG 420  
Qy 421 CATGATCTATGTTTGTGAGCTCTTTAGAACCAACACACAGAGAAATTTGGTCCAGTTAAGT 480  
Db 421 CATGATCTATGTTTGTGAGCTCTTTAGAACCAACACACAGAGAAATTTGGTCCAGTTAAGT 480  
Qy 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCTCTGTCGAAGTAGC 540  
Db 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCTCTGTCGAAGTAGC 540  
Qy 541 CTGTGGAATCTGATCAGTTACTTTAAAAATGATCTCTTATTTTAAATGTTTCCACAT 600  
Db 541 CTGTGGAATCTGATCAGTTACTTTAAAAATGATCTCTTATTTTAAATGTTTCCACAT 600  
Qy 601 TTTTGTCTGTGGAAGACACTGTTTTCATATGTTATATCTCAGATAAGAAATTTAAATGGTAT 660  
Db 601 TTTTGTCTGTGGAAGACACTGTTTTCATATGTTATATCTCAGATAAGAAATTTAAATGGTAT 660  
Qy 661 TAGCTATAAATTAATATAAATGATTAACCTCTGGTCTTGAAGGTTTGAACCTTGCACTTC 720  
Db 661 TAGCTATAAATTAATATAAATGATTAACCTCTGGTCTTGAAGGTTTGAACCTTGCACTTC 720  
Qy 721 TTAAGGAACAGCCATTAATCTCTGAATGATTAATTAATTAATTAATTAATTAATTAATTA 780  
Db 721 TTAAGGAACAGCCATTAATCTCTGAATGATTAATTAATTAATTAATTAATTAATTAATTA 780  
Qy 781 GAAGCTTTTGTATAGGAACCTTGTAGGCTCATTTTGGTTCATTTGAAACAGTATCTAA 840  
Db 781 GAAGCTTTTGTATAGGAACCTTGTAGGCTCATTTTGGTTCATTTGAAACAGTATCTAA 840  
Qy 841 TTATAAATTAGCTGTAGATACAGGTGCTTCTGATGAAGTGAAGTGAAGTGAAGTGAAGTGA 900  
Db 841 TTATAAATTAGCTGTAGATACAGGTGCTTCTGATGAAGTGAAGTGAAGTGAAGTGAAGTGA 900  
Qy 901 TGGGAACCTCATGGGTTTCTCATCTGTCAGTCCGATGATTAATATATATATATATATATAT 960  
Db 901 TGGGAACCTCATGGGTTTCTCATCTGTCAGTCCGATGATTAATATATATATATATATATAT 960  
Qy 961 AAAAATAAAGGCGGAAATTTTCCCTTCGCTGAATATATCCCTGTATATTCATGCAAT 1020  
Db 961 AAAAATAAAGGCGGAAATTTTCCCTTCGCTGAATATATCCCTGTATATTCATGCAAT 1020  
Qy 1021 GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATATCTTGTAAATTTCTTAAGCAT 1080  
Db 1021 GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATATCTTGTAAATTTCTTAAGCAT 1080  
Qy 1081 AGTAAACATGATATAAATAATATATGCTGAATTTCTTGTGAAGTGAAGTGAAGTGAAGTGA 1140  
Db 1081 AGTAAACATGATATAAATAATATATGCTGAATTTCTTGTGAAGTGAAGTGAAGTGAAGTGA 1140  
Qy 1141 TTAATGCTGTTTTTATTTGTGAAGCATTTACTTATTAAGAAATTTGGTTATTTATGCTTACTG 1200

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Db 1141 TTAATGCTGTTTATTTGTAAGACATTAATCTTATTAAGAAATGGTTATATGCTTACTG 1200
Qy 1201 TTCTAATCTGGTGAAGGTATTTCTTAAGAATTTGCGAGTACTACAGATTTTCAAACT 1260
Db 1201 TTCTAATCTGGTGAAGGTATTTCTTAAGAATTTGCGAGTACTACAGATTTTCAAACT 1260
Qy 1261 GAATGAGAGAAAATGTAATAACATCTGCTGCTTTAGTGCAATACAAATAAACTCT 1320
Db 1261 GAATGAGAGAAAATGTAATAACATCTGCTGCTTTAGTGCAATACAAATAAACTCT 1320
Qy 1321 GAAATTAAGACTC 1333
Db 1321 GAAATTAAGACTC 1333

RESULT 7
US-09-978-585A-321
; Sequence 321, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 321
; LENGTH: 1333
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-585A-321

Query Match 100.0%; Score 1333; DB 10; Length 1333;
Best Local Similarity 100.0%; Pred. No. 1.8e-303;
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCCACGGCTCGATGGGCTTACCGTTCGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60
Db 1 GCCACGGCTCGATGGGCTTACCGTTCGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60
Qy 61 CACTCGCGGCTCATCTTCTCGCCATTGGCACATTATAGCATTTGATGAGCTGAAGAC 120
Db 61 CACTCGCGGCTCATCTTCTCGCCATTGGCACATTATAGCATTTGATGAGCTGAAGAC 120
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Db 1201 TTCTAATCGTGGTAAGGTATCTTAAGAAATTCAGAGTACTACAGATTTCAAAACT 1260  
QY 1261 GAATGAGAGAAAATTGTATAACCATCTGCTGTTCTTTAGTGCATAATAAAAACTCT 1320  
Db 1261 GAATGAGAGAAAATTGTATAACCATCTGCTGTTCTTTAGTGCATAATAAAAACTCT 1320  
QY 1321 GAAATTAAGACTC 1333  
Db 1321 GAAATTAAGACTC 1333

## RESULT 8

US-09-978-191A-321

; Sequence 321, Application US/09978191A

; Publication No. US20030050239A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C4

; CURRENT APPLICATION NUMBER: US/09/978,191A

; CURRENT FILING DATE: 2001-10-15

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; PRIOR APPLICATION NUMBER: 60/078004

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
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; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
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; PRIOR APPLICATION NUMBER: 60/082704  
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; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797

1 PRIOR FILING DATE: 1998-04-22  
2 PRIOR APPLICATION NUMBER: 60/082796  
3 PRIOR FILING DATE: 1998-04-23  
4 PRIOR APPLICATION NUMBER: 60/083336  
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7 PRIOR FILING DATE: 1998-04-28  
8 PRIOR APPLICATION NUMBER: 60/083392  
9 PRIOR FILING DATE: 1998-04-29  
10 PRIOR APPLICATION NUMBER: 60/083495  
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27 PRIOR FILING DATE: 1998-04-30  
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33 PRIOR FILING DATE: 1998-05-06  
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54 PRIOR APPLICATION NUMBER: 60/085582  
55 PRIOR FILING DATE: 1998-05-15  
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60 PRIOR APPLICATION NUMBER: 60/085579  
61 PRIOR FILING DATE: 1998-05-15  
62 PRIOR APPLICATION NUMBER: 60/085580  
63 PRIOR FILING DATE: 1998-05-15  
64 PRIOR APPLICATION NUMBER: 60/085573  
65 PRIOR FILING DATE: 1998-05-15  
66 PRIOR APPLICATION NUMBER: 60/085704  
67 PRIOR FILING DATE: 1998-05-15  
68 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCCACGCGTCCGATGGCGTTCACTTCGCGCCCTTCTGCTACATGCTGGCGCTGCTGCT 60  
DB 1 GCCACGCGTCCGATGGCGTTCACTTCGCGCCCTTCTGCTACATGCTGGCGCTGCTGCT 60  
QY 61 CACTGCCGCGCTCATCTTCTTCGCGCATTTGCGACATATAGCATTTGATGAGCTGAAGAC 120  
DB 61 CACTGCCGCGCTCATCTTCTTCGCGCATTTGCGACATATAGCATTTGATGAGCTGAAGAC 120  
QY 121 TGATTACAAGAAATCCTATAGACCAGTGTAAATACCCCTGAATCCCTTGTACTCCCAAGATA 180  
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DB 181 CCTCATCCACGCTTCTTCTGTCATGTTTCTTGTGTCAGAGAGTGGCTTACACTGGG 240  
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QY 361 GAAGGAAGGATGGTGCAAAATAGCTTTTATCTTCTAGCATTTTCTTACTACCTATATGG 420  
DB 361 GAAGGAAGGATGGTGCAAAATAGCTTTTATCTTCTAGCATTTTCTTACTACCTATATGG 420  
QY 421 CATGATCTATGTTTGTGAGCTCTTAGAAACAAACACACAGAGAATTTGGTCCAGTAAAT 480  
DB 421 CATGATCTATGTTTGTGAGCTCTTAGAAACAAACACACAGAGAATTTGGTCCAGTAAAT 480  
QY 481 GCATGCAAAAAGCCACCAAAATGAAGGGATTTCTATCCAGCAAGATCTCTCCAGAGTAGC 540  
DB 481 GCATGCAAAAAGCCACCAAAATGAAGGGATTTCTATCCAGCAAGATCTCTCCAGAGTAGC 540  
QY 541 CTGTGGAATCTGATCAGTTACTTTTAAAAATGACTCCCTTATTTTAAATGTTTCCACAT 600  
DB 541 CTGTGGAATCTGATCAGTTACTTTTAAAAATGACTCCCTTATTTTAAATGTTTCCACAT 600  
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DB 601 TTTTCTTGTGGAAGACTGTTTTCATATGTTATATCTCAGATAAAGATTTTAAATGGTAT 660  
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DB 661 TACGTATAAATTAATTAATTAATGATTAATCTCTGTTGTTGACAGTGGTTGAACTTGACATTC 720  
QY 721 TTAAGGAACAGCCATAATCCTCTGAATGATGCAATTAATTAATGCTGCTAGTACATTTG 780  
DB 721 TTAAGGAACAGCCATAATCCTCTGAATGATGCAATTAATTAATGCTGCTAGTACATTTG 780  
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DB 781 GAAGCTTTTGTATAGGAACCTTGTAGGGCTCATTTTGGTTTCAATGAAAACAGTATCTAA 840  
QY 841 TTATAAATTAAGTGTAGATATCAGTGTCTTCTGATGAAGTGAATGATATCTGACTAG 900  
DB 841 TTATAAATTAAGTGTAGATATCAGTGTCTTCTGATGAAGTGAATGATATCTGACTAG 900  
QY 901 TGGGAACTTTCATGGGTTTCTCATCTGTCATGTCGATGATATATATATATATGATATTTAC 960  
DB 901 TGGGAACTTTCATGGGTTTCTCATCTGTCATGTCGATGATATATATATATATGATATTTAC 960  
QY 961 AAAAATAAAAAGCGGAAATTTTCCCTTCGCTTGAATATATATCCCTGATATATGATGAAT 1020  
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QY 1021 GAGAGATTTCCCATATTTCCATCAGAGTAATAATATATATCTGCTTAAATCTTAAAGCATA 1080  
DB 1021 GAGAGATTTCCCATATTTCCATCAGAGTAATAATATATATCTGCTTAAATCTTAAAGCATA 1080  
QY 1081 AGTAAACATGATATAAAAAATATATGCTGAATTTACTTGTGAAGAATGCAATTTAAAGCTATT 1140

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Db 1081 AGTAAACATGATATAAAATATATGCTGAATTACTTGTGAAGATGCAATTAAGCTATT 1140
QY 1141 TTAAATGCTGTTTTTATTTTGAAGACATTAATTATTAAGAAATGGTTATATGCTTACTG 1200
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QY 1201 TTCTAATCTGGTGTAAAGGTATTTCTTAAGAATTTTCAGGTACTACAGATTTTCAAACT 1260
Db 1201 TTCTAATCTGGTGTAAAGGTATTTCTTAAGAATTTTCAGGTACTACAGATTTTCAAACT 1260
QY 1261 GAATGAGAGAAAATTTGTATAACATCTCTGCTGCTTTAGTGCATTAACAATAAACTCT 1320
Db 1261 GAATGAGAGAAAATTTGTATAACATCTCTGCTGCTTTAGTGCATTAACAATAAACTCT 1320
QY 1321 GAAATTTAAGACTC 1333
Db 1321 GAAATTTAAGACTC 1333

RESULT 9
US-09-978-403A-321
; Sequence 321, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Grimaldi, J. Christopher
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; APPLICANT: Roy, Margaret Ann
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
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; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
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Query Match 100.0%; Score 1333; DB 10; Length 1333;  
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## RESULT 13

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; Publication No. US20030055216A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerttsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillay, Kenneth J.

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QY 121 TGATTACAAGATCCCTATAGACACAGTGTAATACCTGAATCCCTGTACTCCAGATTA 180  
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Db 421 CATGATCTATGTTTTGGTGAGCTCTTAGAAACACACAGAGAATTTGGTCCAGTTAAGT 480  
  
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Query Match 100.0%; Score 1333; DB 10; Length 1333;

Best Local Similarity 100.0%; Pred. No. 1.8e-303;

Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 GCCCAGCGTCCGATGGCGTTACGTTCCGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60  
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RESULT 15

US-09-978-423A-321

US 03 070 423A-321  
; Sequence 321, Application US/09978423A

; Publication No. US20030069178A1

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? APPLICANT: Ashkenazi, Avi  
 ? APPLICANT: Baker Kevin P.  
 ? APPLICANT: Botstein, David  
 ? APPLICANT: Deenoyers, Luc  
 ? APPLICANT: Eaton, Dan  
 ? APPLICANT: Ferrara, Napoleon  
 ? APPLICANT: Filvaroff, Ellen  
 ? APPLICANT: Fong, Sherman  
 ? APPLICANT: Gao, Wei-Qiang  
 ? APPLICANT: Gerber, Hanspeter  
 ? APPLICANT: Gerritsen, Mary E.  
 ? APPLICANT: Goddard, Audrey  
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 ? APPLICANT: Kljavin, Ivar J.  
 ? APPLICANT: Kuo, Sophia S.  
 ? APPLICANT: Napier, Mary A.  
 ? APPLICANT: Pan, James  
 ? APPLICANT: Paoni, Nicholas F.  
 ? APPLICANT: Roy, Margaret Ann  
 ? APPLICANT: Shelton, David L.  
 ? APPLICANT: Stewart, Timothy A.  
 ? APPLICANT: Tumas, Daniel  
 ? APPLICANT: Williams, P. Mickey  
 ? APPLICANT: Wood, William I.  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCCACGCGTCCGATGGGCTTCACGTTCCGGCCCTTCTGCTACATGCTGGCGCTCTGCT 60  
DB 1 GCCACGCGTCCGATGGGCTTCACGTTCCGGCCCTTCTGCTACATGCTGGCGCTCTGCT 60  
QY 61 CACTGCCGCGCTCATCTTCTTCGCCATTGGCACATTATAGCATTTGATGAGCTCAAGAC 120  
DB 61 CACTGCCGCGCTCATCTTCTTCGCCATTGGCACATTATAGCATTTGATGAGCTCAAGAC 120  
QY 121 TGATTACAAGATCCCTATAGACAGTGTAAATACCCCTGTAATCCCTTGCTACCCAGAGTA 180  
DB 121 TGATTACAAGATCCCTATAGACAGTGTAAATACCCCTGTAATCCCTTGCTACCCAGAGTA 180  
QY 181 CCTCATCACGCTTCTTCTGTGTGTCATGTTCTTTGTGTCAGAGTGGCTTACTGCTGG 240  
DB 181 CCTCATCACGCTTCTTCTGTGTGTCATGTTCTTTGTGTCAGAGTGGCTTACTGCTGG 240  
QY 241 TCTCAATATGCCCTCTTGGGCATATCATATTGGAGGTATATGAGTACCAGTATGAG 300

Db 241 TCTCAATATGCCCTCTTGGCATATCATATTTGGAGGTATATGATGACACAGTGATGAG 300  
QY 301 TGGCCAGGACTCTATGACCCCTACACATCATGAATGCGAGATATCTAGCATATTTGTC 360  
Db 301 TGGCCAGGACTCTATGACCCCTACACATCATGAATGCGAGATATCTAGCATATTTGTC 360  
QY 361 GAAGGAAGGATGGTGCAGATTTAGCTTTTATCTCTAGCATTTTCTTACTACCTATATGG 420  
Db 361 GAAGGAAGGATGGTGCAGATTTAGCTTTTATCTCTAGCATTTTCTTACTACCTATATGG 420  
QY 421 CATGATCTATGTTTGGTGAGCTCTTAGAACACACACAGAGAATTTGGTCCAGTTAAGT 480  
Db 421 CATGATCTATGTTTGGTGAGCTCTTAGAACACACACAGAGAATTTGGTCCAGTTAAGT 480  
QY 481 GCATGCAAAAGCCACCAATGAGGATTTCTATCCAGCAGATCCTGTCCAGAGTAGC 540  
Db 481 GCATGCAAAAGCCACCAATGAGGATTTCTATCCAGCAGATCCTGTCCAGAGTAGC 540  
QY 541 CTGTGGAATCTGATCAGTTACTTTAAAAATGACTCCTTATTTTAAATGTTTCCACAT 600  
Db 541 CTGTGGAATCTGATCAGTTACTTTAAAAATGACTCCTTATTTTAAATGTTTCCACAT 600  
QY 601 TTTGCTGTGGAAGACTGTTTTCATATGTTATATCTCAGATAAGATTTTAAATGGTAT 660  
Db 601 TTTGCTGTGGAAGACTGTTTTCATATGTTATATCTCAGATAAGATTTTAAATGGTAT 660  
QY 661 TACGTATATATATAAATGATTAACCTCTGCTGTTGACAGGTTTGAACCTTGCATTC 720  
Db 661 TACGTATATATATAAATGATTAACCTCTGCTGTTGACAGGTTTGAACCTTGCATTC 720  
QY 721 TTAAGGAACGCCATAATCCTCTGAATGATGATTAATTAATGATGCTGCTAGTACATTTG 780  
Db 721 TTAAGGAACGCCATAATCCTCTGAATGATGATTAATTAATGATGCTGCTAGTACATTTG 780  
QY 781 GAAGCTTTGTTTATAGAACTTGTAGGGCTCATTTGGTTTCATTTGAAACAGTATCTAA 840  
Db 781 GAAGCTTTGTTTATAGAACTTGTAGGGCTCATTTGGTTTCATTTGAAACAGTATCTAA 840  
QY 841 TTATAAATAGCTAGATATCAGTCTCTCTGATGAGTGAATGATGATATCTGCTAGTAG 900  
Db 841 TTATAAATAGCTAGATATCAGTCTCTCTGATGAGTGAATGATGATATCTGCTAGTAG 900  
QY 901 TGGAAACTTTCATGGGTTTCTCATCTGTCGATGATTAATATATGATGATATCTGCTAG 960  
Db 901 TGGAAACTTTCATGGGTTTCTCATCTGTCGATGATTAATATATGATGATATCTGCTAG 960  
QY 961 AAAATATAAGCGGGAATTTTCCCTGCTTGAATATATATCCCTGATATATGCTAGT 1020  
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QY 1321 GAAATTAAGACTC 1333  
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Db 1321 GAAATTAAGACTC 1333

## RESULT 16

US-09-978-193A-321  
; Sequence 321, Application US/09978193A  
; Publication No. US20030073624A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C6  
; CURRENT APPLICATION NUMBER: US/09/978,193A  
; CURRENT FILING DATE: 2002-02-21  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
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24 PRIOR FILING DATE: 1998-05-06  
25 PRIOR APPLICATION NUMBER: 60/084637  
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50 PRIOR FILING DATE: 1998-05-15  
51 PRIOR APPLICATION NUMBER: 60/085579  
52 PRIOR FILING DATE: 1998-05-15  
53 PRIOR APPLICATION NUMBER: 60/085580  
54 PRIOR FILING DATE: 1998-05-15  
55 PRIOR APPLICATION NUMBER: 60/085573  
56 PRIOR FILING DATE: 1998-05-15  
57 PRIOR APPLICATION NUMBER: 60/085704  
58 PRIOR FILING DATE: 1998-05-15  
59 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCCACGCGTCCGATGGCGTTCAGCTTCGGCGCCTTCGCTACATGCTGGCGTCTGCT 60  
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Qy 61 CACTGCCGCGCTCATCTTCCTGCGCATTTGGCATTATAGCATTTCATGAGCTGAAGAC 120  
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Db 121 TGATTACAGAACTCTATAGACCAAGTGAATACCTGAATCCCTTGTTACTCCAGATA 180  
QY 181 CCTCATCCAGCTTCTTCTGTGTGTCATGTTCTTTGTGCAGAGAGTGGCTTTACACTGG 240  
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QY 241 TCTCAATATGCCCTCTTGGGATATCATATTTGGAGGTATATGAGTAGACCAAGTATGAG 300  
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Db 901 TGGGAACCTTCATGGGTTTCTCATCTGATGCGATGATATATATGATGATATTTAC 960  
QY 961 AAAATTAAGAGGGGATTTTCCCTTGGTTGAATATTTCCCTGTATATTTGATCAAT 1020  
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Db 1201 TTCTAATCTGTTGTAAGGATTTCTTAAAGATTTGAGGTAATGAGATTTTCAAACT 1260  
QY 1261 GAATGAGGAAATTTGATACCAATCTGCTGTTCTTTAGTGAATACATAAACTCT 1320  
Db 1261 GAATGAGGAAATTTGATACCAATCTGCTGTTCTTTAGTGAATACATAAACTCT 1320  
QY 1321 GAAATTAAGACTC 1333  
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RESULT 17

US-09-999-830A-321  
; Sequence 321, Application US/09999830A  
; Publication No. US20030077700A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C70  
; FILE REFERENCE: Acids Encoding the Same  
; CURRENT APPLICATION NUMBER: US/09/999,830A  
; CURRENT FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/052250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/054249  
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; PRIOR APPLICATION NUMBER: 60/055311  
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; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
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73 PRIOR FILING DATE: 1998-04-22

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2 PRIOR FILING DATE: 1998-04-23  
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6 PRIOR FILING DATE: 1998-04-28  
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9 PRIOR APPLICATION NUMBER: 60/083495  
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11 PRIOR APPLICATION NUMBER: 60/083496  
12 PRIOR FILING DATE: 1998-04-29  
13 PRIOR APPLICATION NUMBER: 60/083499  
14 PRIOR FILING DATE: 1998-04-29  
15 PRIOR APPLICATION NUMBER: 60/083545  
16 PRIOR FILING DATE: 1998-04-29  
17 PRIOR APPLICATION NUMBER: 60/083554  
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19 PRIOR APPLICATION NUMBER: 60/083558  
20 PRIOR FILING DATE: 1998-04-29  
21 PRIOR APPLICATION NUMBER: 60/083559  
22 PRIOR FILING DATE: 1998-04-29  
23 PRIOR APPLICATION NUMBER: 60/083500  
24 PRIOR FILING DATE: 1998-04-29  
25 PRIOR APPLICATION NUMBER: 60/083742  
26 PRIOR FILING DATE: 1998-04-30  
27 PRIOR APPLICATION NUMBER: 60/084366  
28 PRIOR FILING DATE: 1998-05-05  
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30 PRIOR FILING DATE: 1998-05-06  
31 PRIOR APPLICATION NUMBER: 60/084441  
32 PRIOR FILING DATE: 1998-05-06  
33 PRIOR APPLICATION NUMBER: 60/084637  
34 PRIOR FILING DATE: 1998-05-07  
35 PRIOR APPLICATION NUMBER: 60/084639  
36 PRIOR FILING DATE: 1998-05-07  
37 PRIOR APPLICATION NUMBER: 60/084640  
38 PRIOR FILING DATE: 1998-05-07  
39 PRIOR APPLICATION NUMBER: 60/084598  
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41 PRIOR APPLICATION NUMBER: 60/084600  
42 PRIOR FILING DATE: 1998-05-07  
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44 PRIOR FILING DATE: 1998-05-07  
45 PRIOR APPLICATION NUMBER: 60/084643  
46 PRIOR FILING DATE: 1998-05-07  
47 PRIOR APPLICATION NUMBER: 60/085339  
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51 PRIOR APPLICATION NUMBER: 60/085323  
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56 PRIOR FILING DATE: 1998-05-15  
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66 PRIOR FILING DATE: 1998-05-15  
67 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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[illegible]

RESULT 18

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; Sequence 321, Application US/09578757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia A.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmitted
; FILE OF INVENTION: Acids Encoding t
; FILE REFERENCE: P2630P1C26
; CURRENT APPLICATION NUMBER: US/09/978
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649

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6	PRIOR APPLICATION NUMBER: 60/078886	6	PRIOR FILING DATE: 1998-04-22
7	PRIOR FILING DATE: 1998-03-20	7	PRIOR APPLICATION NUMBER: 60/082797
8	PRIOR APPLICATION NUMBER: 60/078936	8	PRIOR FILING DATE: 1998-04-22
9	PRIOR FILING DATE: 1998-03-20	9	PRIOR APPLICATION NUMBER: 60/082796
10	PRIOR APPLICATION NUMBER: 60/078910	10	PRIOR FILING DATE: 1998-04-23
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14	PRIOR APPLICATION NUMBER: 60/079294	14	PRIOR FILING DATE: 1998-04-28
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22	PRIOR APPLICATION NUMBER: 60/079663	22	PRIOR FILING DATE: 1998-04-29
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24	PRIOR APPLICATION NUMBER: 60/079728	24	PRIOR FILING DATE: 1998-04-29
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26	PRIOR APPLICATION NUMBER: 60/079786	26	PRIOR FILING DATE: 1998-04-29
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67	PRIOR FILING DATE: 1998-04-15	67	PRIOR APPLICATION NUMBER: 60/085689
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Best Local Similarity 100.0%; Pred. No. 1.8e-303;									
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
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QY	61	CACGCGCGCTCATCTCTTCGCGCATTTGGCAGATTGACATTTAGATGAGCTGAAGAC	120						
DB	61	CACGCGCGCTCATCTCTTCGCGCATTTGGCAGATTGACATTTAGATGAGCTGAAGAC	120						
QY	121	TGATTACAGAAATCCTATAGACCCAGTGTAAATACCCCTGAATCCCTTGTATCCGAGATA	180						
DB	121	TGATTACAGAAATCCTATAGACCCAGTGTAAATACCCCTGAATCCCTTGTATCCGAGATA	180						
QY	181	CCTCATCCACGCTTCTCTCTGTGTCATGTTCTTTGTGCGAGAGTGGCTTACACTGGG	240						
DB	181	CCTCATCCACGCTTCTCTCTGTGTCATGTTCTTTTGTGCGAGAGTGGCTTACACTGGG	240						
QY	241	TCTCAATATGCCCTCTTGGCATATCATATTTGGAGGTATATGACTAGACCACTGATGAG	300						
DB	241	TCTCAATATGCCCTCTTGGCATATCATATTTGGAGGTATATGACTAGACCACTGATGAG	300						
QY	301	TGGCCGAGACTCTATGACCCCTACCAACCATCATGAATGCGATATTTCTAGCATATGTCA	360						
DB	301	TGGCCGAGACTCTATGACCCCTACCAACCATCATGAATGCGATATTTCTAGCATATGTCA	360						
QY	361	GAAGGAGATGGTGCATATGCTTTTATCTTCTAGCATTTTCTTACTACTACTATAGG	420						
DB	361	GAAGGAGATGGTGCATATGCTTTTATCTTCTAGCATTTTCTTACTACTACTATAGG	420						
QY	421	CATGATCTATGTTTGTGCTGCTCTTAGAACCAACACACAGAGAAATGGTCCAGTTAAT	480						
DB	421	CATGATCTATGTTTGTGCTGCTCTTAGAACCAACACACAGAGAAATGGTCCAGTTAAT	480						
QY	481	GCATGCAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCGTCCAGAGTAGC	540						
DB	481	GCATGCAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCGTCCAGAGTAGC	540						
QY	541	CTGTGGAATCTGATCAGTTACTTTTAAATAGTCTCTTATTTTAAATGTTTCCACAT	600						
DB	541	CTGTGGAATCTGATCAGTTACTTTTAAATAGTCTCTTATTTTAAATGTTTCCACAT	600						
QY	601	TTTTGCTTGTGGAAGACTGTTTTCATATGTTATCTCAGATAAAGATTTTAAATGGTAT	660						
DB	601	TTTTGCTTGTGGAAGACTGTTTTCATATGTTATCTCAGATAAAGATTTTAAATGGTAT	660						
QY	661	TACGTATAAATTAATAAATGATTAACCTCTGGTGTGACAGTTTGAACCTTGCACTTC	720						
DB	661	TACGTATAAATTAATAAATGATTAACCTCTGGTGTGACAGTTTGAACCTTGCACTTC	720						
QY	721	TTAAGGAACGCAATATCTCTGATGATGATTAATTAATTAATTAATTAATTAATTAAT	780						
DB	721	TTAAGGAACGCAATATCTCTGATGATGATTAATTAATTAATTAATTAATTAATTAAT	780						
QY	781	GAAGCTTTTGTATGAAGACTTGTAGGGCTCATTTTGTGTTTCAATGAAACAGTATCTAA	840						
DB	781	GAAGCTTTTGTATGAAGACTTGTAGGGCTCATTTTGTGTTTCAATGAAACAGTATCTAA	840						
QY	841	TTATAAATAGCTGTAGATATCAGGTCCTCTGATGAAGTGAATGATATATCTGACTAG	900						
DB	841	TTATAAATAGCTGTAGATATCAGGTCCTCTGATGAAGTGAATGATATATCTGACTAG	900						
QY	901	TGGAAATCTCATGGGTTTCTCTCATCTGCTGATGATGATATATATGATGATATCTTAC	960						
DB	901	TGGAAATCTCATGGGTTTCTCTCATCTGCTGATGATGATATATATGATGATATCTTAC	960						
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DB	961	AAAAATAAAGCGGGAATTTTCCCTTCGCTTGAATATATTCCTCTGATATTTGCATGAAT	1020						
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DB	1021	GAGAGATTTCCCATATATTTCCATCAGAGTAATAATATACCTTTAAATTTCTTAAGCATA	1080						
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QY	1141	TTAAATGTGTTTTTATTTTGAAGCATTTACTTATTAAGAAATTTGGTTATTTATGCTTACTG	1200						
DB	1141	TTAAATGTGTTTTTATTTTGAAGCATTTACTTATTAAGAAATTTGGTTATTTATGCTTACTG	1200						
QY	1201	TTCTAAATCTGCTGTAAGGTATTCTTTAAGAAATTTGAGGTACTACAGATTTTCAAAACT	1260						
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; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC5  
; CURRENT APPLICATION NUMBER: US/09/978,187B  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR APPLICATION NUMBER: 60/064249  
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; PRIOR APPLICATION NUMBER: 60/066364

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		Query Match		100.0%; Score 1333; DB 10; Length 1333;	
		Best Local Similarity		100.0%; Pred. No. 1.8e-303;	
		Matches 1333; Conservative 0;		Mismatches 0; Indels 0; Gaps 0;	
QY	1	GCCACGCGTCCGATGGGTTCCAGTTCGGGGCTTCTGCTACATGCTGGCGCTGCTGCT	60		
DB	1	GCCACGCGTCCGATGGGTTCCAGTTCGGGGCTTCTGCTACATGCTGGCGCTGCTGCT	60		
QY	61	CACGCGCGGCTCATCTCTTCGCGCATTTGGCATTATAGCATTTGATGAGCTGAAGAC	120		
DB	61	CACGCGCGGCTCATCTCTTCGCGCATTTGGCATTATAGCATTTGATGAGCTGAAGAC	120		
QY	121	TGATTAAGAATCTATAGACAGTGAATACCTGAATCCCTTGTACTCCAGAGTA	180		
DB	121	TGATTAAGAATCTATAGACAGTGAATACCTGAATCCCTTGTACTCCAGAGTA	180		
QY	181	CCTCATCCAGCTTCTCTGCTGCTATCTTTCTTGTGCGAGAGTGGCTTACACTGGG	240		
DB	181	CCTCATCCAGCTTCTCTGCTGCTATCTTTCTTGTGCGAGAGTGGCTTACACTGGG	240		
QY	241	TCTCAATATGCCCTCTTGGCATATCAATTTGGAGGTATATAGTAGACCATGATGAG	300		
DB	241	TCTCAATATGCCCTCTTGGCATATCAATTTGGAGGTATATAGTAGACCATGATGAG	300		
QY	301	TGGCCAGAGCTCTATGACCTTACCAATCATGATGAGTATTTCTAGCATATTTGCA	360		
DB	301	TGGCCAGAGCTCTATGACCTTACCAATCATGATGAGTATTTCTAGCATATTTGCA	360		
QY	361	GAAGCAAGATGGTGCATATAGCTTTTATCTTTAGCATTTTCTACTACTATATGG	420		
DB	361	GAAGCAAGATGGTGCATATAGCTTTTATCTTTAGCATTTTCTACTACTATATGG	420		
QY	421	CATGATCTATGTTTGGTGGCTCTTGAACACACACAGAGATTTGCTCAGTTAAGT	480		
DB	421	CATGATCTATGTTTGGTGGCTCTTGAACACACACAGAGATTTGCTCAGTTAAGT	480		
QY	481	GCATGCAAAAGCCCAATGAAGGATTTCTATCCAGCAAGATCTGTCCAGAGTAGC	540		
DB	481	GCATGCAAAAGCCCAATGAAGGATTTCTATCCAGCAAGATCTGTCCAGAGTAGC	540		
QY	541	CTGTGGAATCTGATCAGTTACTTTTAAATAAGTCTCTTATTTTAAATGTTTCCACAT	600		
DB	541	CTGTGGAATCTGATCAGTTACTTTTAAATAAGTCTCTTATTTTAAATGTTTCCACAT	600		
QY	601	TTTGTGCTGTGGAAGACCTGTTTTCATATGTTTATCTAGTAAAGATTTTAAATGGTAT	660		
DB	601	TTTGTGCTGTGGAAGACCTGTTTTCATATGTTTATCTAGTAAAGATTTTAAATGGTAT	660		
QY	661	TAGCTATAAATTAATAAATGATTTACCTCTGCTGTGTTGACAGTTTGAATTTGCACTTC	720		
DB	661	TAGCTATAAATTAATAAATGATTTACCTCTGCTGTGTTGACAGTTTGAATTTGCACTTC	720		
QY	721	TTAAGCAACAGCATATCTCTGAATGATGATTAATTAATCTGACTGTCTCTAGTACATTG	780		
DB	721	TTAAGCAACAGCATATCTCTGAATGATGATTAATTAATCTGACTGTCTCTAGTACATTG	780		
QY	781	GAAGCTTTGTTTATAGGAATCTTGTAGGCTCATTTTGGTTTCTATTGAAACAGTATCTAA	840		
DB	781	GAAGCTTTGTTTATAGGAATCTTGTAGGCTCATTTTGGTTTCTATTGAAACAGTATCTAA	840		
QY	841	TTATAAATAGCTGTAGATATCAGTGTCTTCTGATGAAGTCAAAATGTATATCTGACTAG	900		
DB	841	TTATAAATAGCTGTAGATATCAGTGTCTTCTGATGAAGTCAAAATGTATATCTGACTAG	900		
QY	901	TGGGAAACTTCATGGGTTTCCCTCATCTGTCATGTCATGATTAATATATGATACATTAC	960		
DB	901	TGGGAAACTTCATGGGTTTCCCTCATCTGTCATGTCATGATTAATATATGATACATTAC	960		
QY	961	AAAAATAAAAGCGGGAATTTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCT	1020		
DB	961	AAAAATAAAAGCGGGAATTTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCT	1020		
QY	1021	GAGAGATTTCCCATATTTCCATCAGAGTAATAATATATCTTCTTCTTCTTCTTCTTCTTCT	1080		
DB	1021	GAGAGATTTCCCATATTTCCATCAGAGTAATAATATATCTTCTTCTTCTTCTTCTTCTTCT	1080		
QY	1081	AGTAAACATGATATAAATAATATATGCTGGAATTTCTTCTTCTTCTTCTTCTTCTTCTTCT	1140		
DB	1081	AGTAAACATGATATAAATAATATATGCTGGAATTTCTTCTTCTTCTTCTTCTTCTTCTTCT	1140		
QY	1141	TTAAATCTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT	1200		
DB	1141	TTAAATCTGTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT	1200		
QY	1201	TTCTAAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1260		
DB	1201	TTCTAAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1260		
QY	1261	GAATGAGAGAAATTTGATTAACCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1320		
DB	1261	GAATGAGAGAAATTTGATTAACCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1320		
QY	1321	GAATTAAGACTC 1333			
DB	1321	GAATTAAGACTC 1333			

RESULT 20  
US-09-978-643A-321  
; Sequence 321, Application US/09978643A  
; Publication No. US20030104998A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C16  
; CURRENT FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm									
; SEQ ID NO 321									
; LENGTH: 1333									
; TYPE: DNA									
; ORGANISM: Homo sapiens									
US-09-978-643A-321									
Query Match 100.0%; Score 1333; DB 10; Length 1333;									
Best Local Similarity 100.0%; Pred. No. 1.8e-303;									
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	GCCACGGCTCGATGGGTTACGTTGCGGCCCTTCGTACATGCTGGCGCTGCTGCT	60						
Db	1	GCCACGGCTCGATGGGTTACGTTGCGGCCCTTCGTACATGCTGGCGCTGCTGCT	60						
QY	61	CACCTCGCGCTCATCTTCTCGCCATTGGCACATTATAGCAATTTGATGAGCTGAAGAC	120						
Db	61	CACCTCGCGCTCATCTTCTCGCCATTGGCACATTATAGCAATTTGATGAGCTGAAGAC	120						
QY	121	TGATTACAAGAACTCTATAGACAGTGTAAATACCTGAATCCCTTGTACTCCAGAGTA	180						
Db	121	TGATTACAAGAACTCTATAGACAGTGTAAATACCTGAATCCCTTGTACTCCAGAGTA	180						
QY	181	CCTCATCCAGCTTCTTCTGTCATGTTCTTTGTGTCAGCAGAGTGGCTTACACTGG	240						
Db	181	CCTCATCCAGCTTCTTCTGTCATGTTCTTTGTGTCAGCAGAGTGGCTTACACTGG	240						
QY	241	TCTCAATATGCCCTCTCGGCATATCATATTTGGAGGTATATGATAGACCACTGATGAG	300						
Db	241	TCTCAATATGCCCTCTCGGCATATCATATTTGGAGGTATATGATAGACCACTGATGAG	300						
QY	301	TGGCCAGGACTCTATGACCTTACACCAATCATGAATGACAGATATTTCTAGCATATTTG	360						
Db	301	TGGCCAGGACTCTATGACCTTACACCAATCATGAATGACAGATATTTCTAGCATATTTG	360						
QY	361	GAAGGAGATGGTGAATAGCTTTTATCTTCTAGCATATTTTCTAGCTATGCTATGCTG	420						
Db	361	GAAGGAGATGGTGAATAGCTTTTATCTTCTAGCATATTTTCTAGCTATGCTATGCTG	420						
QY	421	CATGATCTATGTTTGGTGAGCTCTTAGAACACACACAGAGAAATGGTCCAGTTAAGT	480						
Db	421	CATGATCTATGTTTGGTGAGCTCTTAGAACACACACAGAGAAATGGTCCAGTTAAGT	480						
QY	481	GCATGCAAAAGCCAAATGAAGGATTTCTATCCAGCAAGATCCCTGTCAGAGTAGC	540						
Db	481	GCATGCAAAAGCCAAATGAAGGATTTCTATCCAGCAAGATCCCTGTCAGAGTAGC	540						
QY	541	CTGTGGAATCTGATCAGTTACTTTTAAATAATGACTCCTTATTTTAAATGTTTCCACAT	600						
Db	541	CTGTGGAATCTGATCAGTTACTTTTAAATAATGACTCCTTATTTTAAATGTTTCCACAT	600						
QY	601	TTTTGCTGTGGAAGACTGTTTTCATATGTTTACTCAGATAAAGATTTTAAATGTTAT	660						
Db	601	TTTTGCTGTGGAAGACTGTTTTCATATGTTTACTCAGATAAAGATTTTAAATGTTAT	660						
QY	661	TAGTATAAATAATAAATGATTAATGATGATGATGATGATGATGATGATGATGATGATG	720						
Db	661	TAGTATAAATAATAAATGATTAATGATGATGATGATGATGATGATGATGATGATGATG	720						
QY	721	TAAAGGACAGCCATAATCCTCTGAATGATGATGATGATGATGATGATGATGATGATGATG	780						
Db	721	TAAAGGACAGCCATAATCCTCTGAATGATGATGATGATGATGATGATGATGATGATGATG	780						
QY	781	GAAGCTTTGTTTATAGGAATTTAGGGCTCATTTTGGTTTCAATTTGAAACAGATATCTAA	840						
Db	781	GAAGCTTTGTTTATAGGAATTTAGGGCTCATTTTGGTTTCAATTTGAAACAGATATCTAA	840						
QY	841	TTATAAATAGCTGTAGATATCAGTGTCTTCTGATGAGTGAATGATGATGATGATGATGATG	900						
Db	841	TTATAAATAGCTGTAGATATCAGTGTCTTCTGATGAGTGAATGATGATGATGATGATGATG	900						
QY	901	TGGGAACCTTCATGGGTTTCTCTCATCTGCTGATGATGATGATGATGATGATGATGATGATG	960						
Db	901	TGGGAACCTTCATGGGTTTCTCTCATCTGCTGATGATGATGATGATGATGATGATGATGATG	960						

RESULT 21  
US-09-978-375A-321  
; Sequence 321, Application US/09978375A  
; Publication No. US20030130181A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630F1C24  
; CURRENT FILING DATE: 2002-04-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 321  
; LENGTH: 1333  
; TYPE: DNA

; ORGANISM: Homo sapiens									
US-09-978-375A-321									
Query Match 100.0%; Score 1333; DB 10; Length 1333;									
Best Local Similarity 100.0%; Pred. No. 1.8e-303;									
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	GCCACGCGTCCGATGGCGTT	CAGTTCGCGGCTTCTGCTACATGCTGGCGCTGCTCT	60					
Db	1	GCCACGCGTCCGATGGCGTT	CAGTTCGCGGCTTCTGCTACATGCTGGCGCTGCTCT	60					
Qy	61	CACGCGCGCTCATCTCTTC	CGCATTTGGCAGATATAGCATTTGATGAGCTGAAGAC	120					
Db	61	CACGCGCGCTCATCTCTTC	CGCATTTGGCAGATATAGCATTTGATGAGCTGAAGAC	120					
Qy	121	TGATTACAGAACTCTATAG	ACCACTGTAATACCCCTGAACTCCCTTGTAACCCAGAGTA	180					
Db	121	TGATTACAGAACTCTATAG	ACCACTGTAATACCCCTGAACTCCCTTGTAACCCAGAGTA	180					
Qy	181	CCTCATCCACGCTTTCTTC	TGTCATGTTCTTTGTGACAGAGTGCTTACACTGGG	240					
Db	181	CCTCATCCACGCTTTCTTC	TGTCATGTTCTTTGTGACAGAGTGCTTACACTGGG	240					
Qy	241	TCTCAATATGCCCTCTTGC	ATATCATATTTGGAGGTATATGATGACCACTGATGAG	300					
Db	241	TCTCAATATGCCCTCTTGC	ATATCATATTTGGAGGTATATGATGACCACTGATGAG	300					
Qy	301	TGGCCACGACCTCTATGAC	CCCTACCAACCATCATGATGACAGATATTTAGCATATTTGCA	360					
Db	301	TGGCCACGACCTCTATGAC	CCCTACCAACCATCATGATGACAGATATTTAGCATATTTGCA	360					
Qy	361	GAAGGAAGGATGGTGAAAT	TAGCTTTTATCTTCTAGCATTTTCTTACTACTATATGG	420					
Db	361	GAAGGAAGGATGGTGAAAT	TAGCTTTTATCTTCTAGCATTTTCTTACTACTATATGG	420					
Qy	421	CATGATCTATGTTTGGTGA	CTCTTAGACACACACAGAGAAATGGTCCAGTTAAGT	480					
Db	421	CATGATCTATGTTTGGTGA	CTCTTAGACACACACAGAGAAATGGTCCAGTTAAGT	480					
Qy	481	GCATGCAAAAGCCACCAAT	GAAGGATTTCTATCCAGCAAGATCTGTCACAGATAGC	540					
Db	481	GCATGCAAAAGCCACCAAT	GAAGGATTTCTATCCAGCAAGATCTGTCACAGATAGC	540					
Qy	541	CTGTGGAATCTGATCAGT	ACTTTTAAAGTCTCTTATTTTAAATGTTTCCACAT	600					
Db	541	CTGTGGAATCTGATCAGT	ACTTTTAAAGTCTCTTATTTTAAATGTTTCCACAT	600					
Qy	601	TTTTGCTTGGAAAGACTGT	TTTTCATATGTTTATCTCAGATAAAGATTTTAAATGGTAT	660					
Db	601	TTTTGCTTGGAAAGACTGT	TTTTCATATGTTTATCTCAGATAAAGATTTTAAATGGTAT	660					
Qy	661	TACGTATAAATTAATATA	AAATGATTTACCTCTGGTGTGACAGGTTGCACTTC	720					
Db	661	TACGTATAAATTAATATA	AAATGATTTACCTCTGGTGTGACAGGTTGCACTTC	720					
Qy	721	TTAAGGAACGACATATCT	CTGATGATGATTAATTAATGATGCTGCTGATCATG	780					
Db	721	TTAAGGAACGACATATCT	CTGATGATGATTAATTAATGATGCTGCTGATCATG	780					
Qy	781	GAAGCTTTGTTTATAGAA	CTGTAGGCTTCATTTTGGTTTCATTTGAAACAGATATCTAA	840					
Db	781	GAAGCTTTGTTTATAGAA	CTGTAGGCTTCATTTTGGTTTCATTTGAAACAGATATCTAA	840					
Qy	841	TTATAAATTAGCTGTAGAT	ATCAGGCTCTCTGATGAAGTGAATAATATATCTGACTAG	900					
Db	841	TTATAAATTAGCTGTAGAT	ATCAGGCTCTCTGATGAAGTGAATAATATATCTGACTAG	900					
Qy	901	TGGGAACCTTCATGGGTTT	CTCATCTGTCATGTCGATGATATATATGATACATTTAC	960					
Db	901	TGGGAACCTTCATGGGTTT	CTCATCTGTCATGTCGATGATATATATGATACATTTAC	960					
Qy	961	AAAAATAAAGCGGGAATTT	CCCTTCGCTTGAATATATTCCTCTGATATTTGATGAAT	1020					
Db	961	AAAAATAAAGCGGGAATTT	CCCTTCGCTTGAATATATTCCTCTGATATTTGATGAAT	1020					

RESULT 22  
US-09-978-298A-321  
; Sequence 321, Application US/09978298A  
; Publication No. US20030134785A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C2  
; CURRENT APPLICATION NUMBER: US/09/978, 298A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364